

## THIAZOLYLPIPERIDINE DERIVATIVES AS MTP INHIBITORS

[0001] The invention relates to compounds that are inhibitors of microsomal triglyceride transfer protein (MTP), to pharmaceutical compositions comprising same, and to the use thereof in medicine.

[0002] MTP (microsomal triglyceride transfer protein) is a transfer protein located in the reticulum of hepatocytes and enterocytes, which catalyses the assembly of biomolecules that transport triglycerides, the apo B lipoproteins.

[0003] The term apo B more particularly denotes apoprotein 48 of the intestine and apoprotein 100 of the liver.

[0004] Mutations in MTP or in the B apoproteins are reflected in man by very low levels or even an absence of apo B lipoproteins. The lipoproteins containing apo B (chylomicrons, very low density lipoproteins) and their metabolic residues (chylomicron remnants, low density lipoproteins) are recognized as being a major risk factor in the development of atherosclerosis, a major cause of death in industrialized countries. It is observed that, in individuals who are heterozygous for these mutations, levels reduced on average by a half are associated with a low cardiovascular risk (C.J. Glueck, P.S. Gartside, M.J. Mellies, P.M. Steiner, *Trans. Assoc. Am. Physicians*, 90, 184 (1977)). This suggests that modulation of the secretions of triglyceride-rich lipoproteins by means of MTP antagonists and/or of secretion of apo B might be useful in the treatment of atherosclerosis and more broadly of pathologies characterized by an increase in apo B lipoproteins.

[0005] Molecules that inhibit MTP and/or the secretion of apo B might thus be useful for the treatment of hypertriglyceridaemia, hypercholesterolaemia and

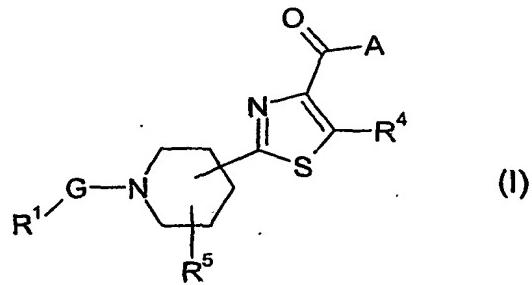
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dyslipidaemia associated with diabetes, and also for the prevention of and treating obesity.

**[0006]** It has now been discovered that certain compounds of thiazolylpiperidine structure have inhibitory properties towards MTP and/or apoB secretion.

**[0007]** As a result of this activity, these compounds have an entirely advantageous possible application in the treatment of hypertriglyceridaemia, hypercholesterolaemia and dyslipidaemia associated with diabetes, and also with the prevention and treatment of obesity.

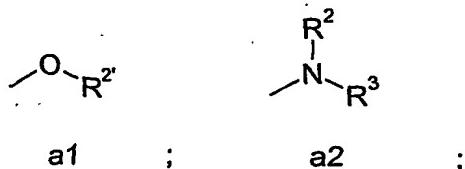
**[0008]** Thus, the present invention relates firstly to compounds of thiazolylpiperidine structure of the general formula (I):



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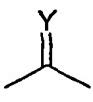
in which:

- A represents a radical chosen from radicals a1 and a2 below:

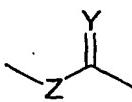


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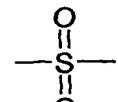
- G represents a divalent bond or radical chosen from groups g1, g2 and g3 below:



g1



g2



g3

- R<sup>1</sup> is chosen from hydrogen and an alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, aryl, heteroaryl, alkylcarbonyl or alkoxy carbonyl radical;
  - R<sup>2</sup>, R<sup>2'</sup> and R<sup>3</sup>, which may be identical or different, are chosen, independently of each other, from a hydrogen atom, an alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, aryl or heteroaryl radical and a radical -NRR'; or
  - R<sup>2</sup> and R<sup>3</sup> together form, with the nitrogen atom that bears them, a heterocycle;
  - R<sup>4</sup> and R<sup>5</sup>, which may be identical or different, are chosen, independently of each other, from a hydrogen atom, an alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, aryl or heteroaryl radical and a radical -NRR';
  - R and R', which may be identical or different, represent, independently of each other, a hydrogen atom or a radical chosen from alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, aryl and heteroaryl; or together form, with the nitrogen atom that bears them, a heterocycle, or together form the double bond of an alken-1-yl radical;
  - Y represents an oxygen or sulfur atom; and
  - Z represents -NH- or an oxygen atom;
- the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and possible oxidized forms, especially amine oxides, thereof, the solvates and the hydrates of these compounds;

and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

5 [0009] The definitions that follow specify the natures of the various groups and radicals defined above. Unless otherwise mentioned, these definitions apply for all the terms of the present invention thus explained.

10 [0010] The term "halogen atom" denotes a fluorine, chlorine, bromine or iodine atom.

15 [0011] The term "alkyl" denotes a linear or branched alkyl radical containing from 1 to 12 carbon atoms, optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (where R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkoxy, alkenyloxy, alkynyoxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)<sub>2</sub>-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxycarbonyl, alkylcarbonylamino, alkoxycarbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, 20 heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroarylcarbonyl, heteroaryloxy or heteroarylthio radical.

25 [0012] Examples of alkyl radicals, which may be optionally substituted as indicated above, are methyl, ethyl, propyl, isopropyl, butyl, isobutyl, *tert*-butyl, pentyl, isopentyl, neopentyl, 2-methylbutyl, 1-ethylpropyl, hexyl, isohexyl, neo-hexyl, 1-methylpentyl, 3-methylpentyl, 1,1-dimethylbutyl, 1,3-dimethylbutyl, 1-ethylbutyl, 1-methyl-1-ethylpropyl, heptyl, 1-methylhexyl, 1-propylbutyl, 4,4-dimethylpentyl, octyl, 1-methylheptyl, 2-methylhexyl, 5,5-dimethylhexyl, nonyl, decyl, 1-methylnonyl, 3,7-dimethyloctyl and 7,7-dimethyloctyl.

[0013] The term "alkenyl" denotes a linear or branched alkyl radical comprising at least one unsaturation in double bond form and containing from 2 to 12 carbon atoms, optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkoxy, alkenyloxy, alkynyoxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)<sub>2</sub>-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxy carbonyl, alkylcarbonylamino, alkoxy carbonylamino, arylcarbonyl, arylcarbonylamino, (di-)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroarylcarbonyl, heteroaryloxy or heteroarylthio radical.

[0014] Examples of alkenyl radicals, which may be optionally substituted as indicated above, are ethylenyl, propenyl, propadienyl, butenyl, butadienyl, pentenyl, pentadienyl, hexenyl, hexadienyl, heptenyl, heptadienyl, octenyl, octadienyl, nonenyl, nonadienyl, decenyl and decadienyl, and also the branched isomers thereof, the absence of indication of the position of the double bond(s) being necessarily understood as meaning that no limitation is placed on the double bond(s).  
For example, the "pentenyl" radical includes, without preference, the pent-1-en-1-yl, pent-2-en-1-yl and pent-3-en-1-yl radicals, but also the pent-1-en-2-yl, pent-2-en-2-yl and pent-3-en-2-yl radicals, as well as the pent-1-en-3-yl, pent-2-en-3-yl and pent-3-en-3-yl radicals.

[0015] The term "alkynyl" denotes a linear or branched alkyl radical comprising at least one unsaturation in triple bond form and containing from 2 to 12 carbon atoms, optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkoxy, alkenyloxy, alkynyoxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl

(alkyl-S(=O)<sub>2</sub>-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxycarbonyl, alkylcarbonylamino, alkoxycarbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroaryl-  
5 carbonyl, heteroaryloxy or heteroarylthio radical.

[0016] Examples of alkynyl radicals, which may be optionally substituted as indicated above, are ethynyl, propynyl, propadiynyl, butynyl, butadiynyl, pentynyl, pentadiynyl, hexynyl, hexadiynyl, heptynyl, heptadiynyl, octynyl, octadiynyl, nonynyl, nonadiynyl, decynyl and decadiynyl, and also the branched isomers thereof, the absence of indication of the position of the double bond(s) being necessarily understood as meaning that no limitation is placed on the double bond(s). For example, the "pentynyl" radical includes, without preference, the pent-1-yn-1-yl, pent-2-yn-1-yl and pent-3-yn-1-yl radicals, but also the pent-1-yn-2-yl, pent-2-yn-2-yl and pent-3-yn-2-yl radicals, as well as the pent-1-yn-3-yl, pent-2-yn-3-yl and pent-3-yn-3-yl radicals.

[0017] The term "cycloalkyl" denotes a monocyclic, bicyclic or tricyclic, bridged or unbridged cycloalkyl radical containing from 3 to 13 carbon atoms, 20 optionally comprising one or more double bonds, also including spirane compounds, and optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkyl, especially substituted by one 25 or more halogen atoms, in particular perhaloalkyl, for instance trifluoromethyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)<sub>2</sub>-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxycarbonyl, alkylcarbonylamino, alkoxycarbonyl-amino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkyl-

thio, aryl, aryloxy, arylthio, heteroaryl, heteroarylcarbonyl, heteroaryloxy or heteroarylthio radical.

[0018] Examples of cycloalkyl groups, which are optionally substituted as indicated above, are especially cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, cyclooctyl and cyclodecyl, adamanyl, diamanyl, norbornyl and bornyl groups.

[0019] The term "heterocycloalkyl" denotes a monocyclic, bicyclic or tricyclic radical containing a total of from 3 to 13 atoms, among which 1, 2, 3 or 4 are chosen, independently of each other, from nitrogen, oxygen and sulfur, the other atoms being carbon atoms, the said heterocyclic radical also optionally comprising 1, 2, 3 or 4 double bonds, also including spirane compounds, and being optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkyl, especially substituted by one or more halogen atoms, in particular perhaloalkyl, for instance trifluoromethyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyoxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)<sub>2</sub>-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxy carbonyl, alkylcarbonylamino, alkoxy carbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroarylcarbonyl, heteroaryloxy or heteroarylthio radical.

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[0020] In particular, saturated or partially unsaturated, monocyclic heterocycles of 5 to 8 atoms are saturated, or partially unsaturated, derivatives of the heteroaryls defined later. More particularly, among the heterocycloalkyl radicals that may be mentioned are morpholino, morpholinyl, piperidyl, thiazolidinyl, oxazolidinyl, tetrahydrothienyl, tetrahydrafuryl, tetrahydropyranyl, pyrrolidinyl, isoxazolidinyl, imidazolidinyl and pyrazolidinyl radicals.

[0021] The term "aryl" denotes a monocyclic, bicyclic or tricyclic aryl radical containing from 6 to 14 carbon atoms, optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkyl, especially substituted by one or more halogen atoms, in particular perhaloalkyl, for instance trifluoromethyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyoxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)<sub>2</sub>-), alkenylthio, alkynylthio, a phosphoric acid derivative [(alkyl-O)<sub>2</sub>-P(=O)-alkyl], alkylcarbonyl, alkoxy carbonyl, alkylcarbonylamino, alkoxy carbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroarylcarbonyl, heteroaryloxy or heteroarylthio radical.

[0022] Aryl radicals that may be mentioned, in a non-limiting manner, include phenyl, naphthyl, anthryl and phenanthryl radicals.

[0023] The term "heteroaryl" denotes a monocyclic, bicyclic or tricyclic aromatic radical containing a total of from 3 to 13 atoms, among which 1, 2, 3 or 4 are chosen, independently of each other, from nitrogen, oxygen and sulfur, optionally in oxidized form (in the case of nitrogen and sulfur), the other atoms being carbon atoms, the said heteroaryl radical being optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkyl, especially substituted by one or more halogen atoms, in particular perhaloalkyl, for instance trifluoromethyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyoxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)<sub>2</sub>-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxy carbonyl, alkylcarbonylamino, alkoxy carbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroarylcarbonyl, heteroaryloxy or heteroarylthio radical.

carbonylamino, alkoxycarbonylamino, arylcarbonyl, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, hetero-arylcarbonyl, heteroaryloxy or heteroarylthio radical.

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**[0024]** Preferably, at least one of the monocycles constituting the heterocycle contains from 1 to 4 endocyclic hetero atoms and more preferably from 1 to 4 endocyclic hetero atoms. According to the invention, the heterocyclic polycyclic nucleus consists of one or more monocycles each containing from 5 to 8 atoms included in the ring.

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**[0025]** Examples of heteroaryl radicals, optionally substituted as has just been described, are radicals derived from heteroaromatic compounds, such as pyridine, furan, thiophene, pyrrole, imidazole, thiazole, isothiazole, isoxazole, furazane, pyridazine, pyrimidine, pyrazine, thiazines, oxazole, pyrazole, oxadiazole, triazole and thiadiazole. Among the preferred heteroaryls that may be mentioned are pyridyls, pyrimidinyls, triazolyls, thiadiazolyls, oxazolyls, thiazolyls and thienyls.

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**[0026]** Examples of bicyclic heteroaryl radicals in which each monocyte contains from 5 to 8 endocyclic atoms are derived from aromatic compounds chosen from indolizine, indole, isoindole, benzofuran, benzothiophene, indazole, benzimidazole, benzothiazole, benzofurazane, benzothiofurazane, purine, quinoline, isoquinoline, cinnoline, phthalazine, quinazoline, quinoxaline, naphthyridines, 25 pyrazolotriazines, pyrazolopyrimidine and pteridine.

**[0027]** Among the heteroaryls defined above, quinolyl, pyridyl, benzotriazolyl, triazolyl, acridyl, phenazinyl and carbazolyl radicals are preferred.

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**[0028]** When the radicals R<sup>2</sup> and R<sup>3</sup> form, together with the nitrogen atom that bears them, a heterocycle, the said heterocycle is a monocyte, bicycle or

tricycle containing a total of from 3 to 13 atoms including the nitrogen atom, among which 1, 2, 3 or 4 are chosen, independently of each other, from nitrogen, oxygen and sulfur, the other atoms being carbon atoms, the said heterocycle also optionally comprising 1, 2, 3 or 4 double bonds, also including spirane compounds, and

5 being optionally substituted by one or more chemical species, which may be identical or different, chosen from a halogen atom, an oxo, thioxo, hydroxyl, thiol, -NRR' (in which R and R', which may be identical or different, are as defined above), cyano, nitro or carboxyl group, and an alkyl, alkenyl, alkynyl, alkoxy, alkenyloxy, alkynyoxy, alkylthio, alkyldisulfanyl (alkyl-S-S-), alkylsulfinyl

10 (alkyl-S(=O)-), alkylsulfonyl (alkyl-S(=O)<sub>2</sub>-), alkenylthio, alkynylthio, alkylcarbonyl, alkoxycarbonyl, alkylcarbonylamino, alkoxycarbonylamino, arylcarbonylamino, (di)alkylaminocarbonyl, cycloalkyl, cycloalkoxy, cycloalkylthio, heterocycloalkyl, heterocycloalkoxy, heterocycloalkylthio, aryl, aryloxy, arylthio, heteroaryl, heteroaryloxy or heteroarylthio radical.

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[0029] For the compounds of the formula (I) presented above, the term "geometrical isomer" means a *cis/trans* or *E/Z* isomerism. More particularly, the possible double bond(s) present in the various substituents of the compounds of the general formula (I) can be of *E* or *Z* configuration. These pure or impure geometrical isomers, alone or as a mixture, form an integral part of the compounds of the formula (I).

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[0030] The term "optical isomer" includes all the isomeric forms, alone or as mixtures, resulting from the presence of one or more axes and/or centres of symmetry in the molecule, and resulting in the rotation of a beam of polarized light. The term "optical isomer" more particularly includes enantiomers and disasteroisomers, in pure form or as a mixture.

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[0031] The acids capable of forming pharmaceutically acceptable salts with the compounds of the formula (I) above are organic or mineral acids. Non-limiting examples that may be mentioned include hydrochloric acid, hydrobromic acid,

phosphoric acid, sulfuric acid, tartaric acid, citric acid, maleic acid, acetic acid, fumaric acid, alkanesulfonic acid, naphthalenesulfonic acid, *para*-toluenesulfonic acid, bis-trifluoroacetic acid and camphoric acid.

- 5 [0032] The bases capable of forming pharmaceutically acceptable salts with the compounds of the formula (I) above are mineral or organic bases. Among these bases, non-limiting examples that may be mentioned include sodium hydroxide, potassium hydroxide, ammonia, diethylamine, triethylamine, ethanol-amine, diethanolamine, piperidine, piperazine, morpholine, basic amino acids,  
10 such as arginine and lysine, osamines, for example meglumine, and amino alcohols, such as 3-aminobutanol and 2-aminobutanol.

- 15 [0033] The invention especially covers the pharmaceutically acceptable salts, as indicated above, but also salts allowing a suitable separation or crystallization of the compounds of the formula (I), such as the salts obtained with chiral amines.

- [0034] The compounds of the formula (I) above also comprise the prodrugs of these compounds.

- 20 [0035] The term "prodrugs" means compounds which, once administered to the patient, are chemically and/or biologically converted by the living body into compounds of the formula (I).

- 25 [0036] Among the compounds of the formula (I) according to the invention that are preferred are those for which the radical R<sup>5</sup> represents hydrogen, the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;  
30 and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0037] Preference is also given to the compounds of the formula (I) according to the invention for which the radical R<sup>4</sup> represents hydrogen, the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds; and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0038] Another preferred group of compounds according to the present invention consists of compounds of the formula (I) in which the thiazolyl radical is branched in position 3 or in position 4 of the piperidine nucleus, preferably in position 4 of the piperidine nucleus.

[0039] Another preferred group of compounds according to the present invention consists of compounds of the general formula (I) in which G represents the radical g1, preferably in which Y represents an oxygen atom, the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds; and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

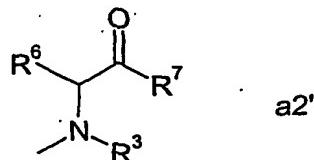
[0040] Another preferred group of compounds according to the present invention consists of compounds of the general formula (I) in which the radical R<sup>4</sup> represents hydrogen, the radical R<sup>5</sup> represents hydrogen, the thiazolyl radical is branched in position 4 of the piperidine nucleus, and G represents the radical g1 in which Y represents an oxygen atom, the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;

and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0041] Another preferred group of compounds of the invention consists of 5 compounds of the general formula (I) in which R<sup>1</sup> represents an aryl radical, especially phenyl, substituted by one or more aryl and/or alkyl radicals. The compounds of the general formula (I) in which R<sup>1</sup> represents a biphenyl radical, optionally substituted by one or more alkyl radicals, preferably methyl, ethyl or propyl, and/or with a perhaloalkyl or perhaloalkoxy radical, are most particularly preferred. The 10 compounds of the general formula (I) in which R<sup>1</sup> represents a substituted biphenyl radical, for example a trifluoromethylbiphenyl or methyltrifluoromethoxybiphenyl radical, are more particular preferred.

[0042] Among the compounds of the general formula (I), another preferred 15 group of compounds consists of those for which A represents a<sub>2</sub>, the other substituents having the same definitions as those given above, the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds; 20 and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0043] Among the above compounds, the ones most particularly preferred are those for which a<sub>2</sub> represents a radical of the formula a<sub>2'</sub> below:



in which R<sup>6</sup> and R<sup>7</sup>, which may be identical or different, and independently of each other, have the same definitions as the radicals R<sup>2</sup> and R<sup>3</sup> defined above, the other substituents having the same definitions as those given above,

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the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;  
and also the possible pharmaceutically acceptable salts thereof with an acid or a  
5 base, or the pharmaceutically acceptable prodrugs of these compounds.

[0044] A preferred sub-group of compounds consists of compounds of the general formula (I) in which G represents the radical g1, with Y representing an oxygen atom, R<sup>1</sup> represents a biphenyl radical, optionally substituted by one or  
10 more alkyl radicals, preferably methyl, ethyl or propyl, and/or a trifluoromethyl or trifluoromethoxy radical, and A represents a2,  
the other substituents being as defined above,  
the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;  
15 and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0045] In this sub-group, the compounds that are more particularly preferred are those of the general formula (I) in which G represents the radical g1, with Y representing an oxygen atom, R<sup>1</sup> represents a biphenyl radical, optionally substituted by one or more alkyl radicals, preferably methyl, ethyl or propyl, and/or a trifluoromethyl or trifluoromethoxy radical, and A represents a2' as defined above,  
the other substituents being as defined above,  
25 the possible geometrical and/or optical isomers, epimers and various tautomeric forms, and optional oxidized forms, especially amine oxides, thereof, and the solvates and hydrates of these compounds;  
and also the possible pharmaceutically acceptable salts thereof with an acid or a base, or the pharmaceutically acceptable prodrugs of these compounds.

[0046] Particularly preferred examples of compounds according to the present invention are chosen from:

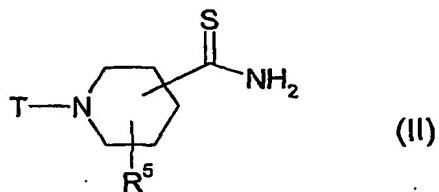
- N-ethyl-N-(1-methyl-2-oxo-2-phenylethyl) 2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carbamate;
- 5 - N-ethyl-N-(1-methyl-2-oxo-2-pyrid-3-ylethyl) 2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carbamate;
- N-ethyl-N-(1-methyl-2-oxo-2-phenylethyl) 2-[1-(6-methyl-4'-trifluoromethoxybiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carbamate;
- N-ethyl-N-(1-methyl-2-oxo-2-pyrid-2-ylethyl) 2-[1-(6-methyl-4'-trifluoromethoxybiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carbamate.
- 10 - N-[cyano(4-fluorophenyl)methyl]-N-phenyl-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide;
- N-( $\alpha$ -cyanobenzyl)-N-ethyl-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide;
- 15 - 2-{1-[4'-(trifluoromethyl)-1,1'-biphenyl-2-yl]carboxyl}piperid-4-yl}-1,3-thiazole-4-carboxylic acid
- 1-(4-{4-(3-hydroxypiperid-1-yl)methanoyl}thiazol-2-yl)piperid-1-yl)-1-(4'-trifluoromethylbiphenyl-2-yl)methanone
- N-methyl-N-(1-methyl-2-oxo-2-phenethyl)-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide
- 20 - N-methyl-N-(1-methyl-2-oxo-2(S)-phenethyl)-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide
- N-(7-oxo-7H-thieno[3,2-b]pyran-6-yl)-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide
- 25 - N-(2-methyl-4-oxo-4H-chromen-3-yl)-2-[1-(6-methyl-4'-trifluoromethoxybiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide
- N-( $\alpha$ -cyanobenzyl)-N-isopropyl-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide; and
- N-[1-cyano-1-(pyrid-4-yl)methyl]-N-isopropyl-2-[1-(4'-trifluoromethylbiphenyl-2-carbonyl)piperid-4-yl]thiazole-4-carboxamide;
- 30 -

the optical isomers thereof, oxidized forms, solvates and hydrates of these compounds;

and also the possible pharmaceutically acceptable salts thereof with an acid, or the pharmaceutically acceptable prodrugs of these compounds.

5

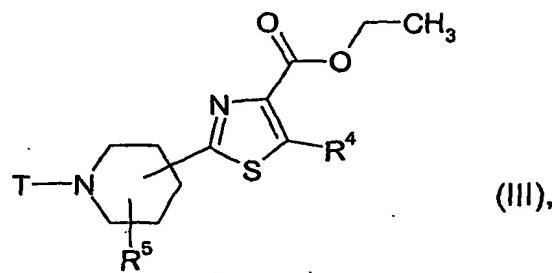
[0047] The compounds of the present invention can be prepared from the compounds of the formula (II):



in which T represents a labile protecting group, for example *tert*-butoxy-carbonyl (BOC), and R<sup>5</sup> is as defined above,

which is reacted with ethyl R<sup>4</sup>-bromopyruvate, generally in equimolar proportions, in a polar solvent, for example dimethylformamide, in the presence of an excess of base, preferably an organic base, such as triethylamine, at a suitable temperature, for example at room temperature, for a time ranging from 1 to 40 hours and preferably between 4 and 18 hours,

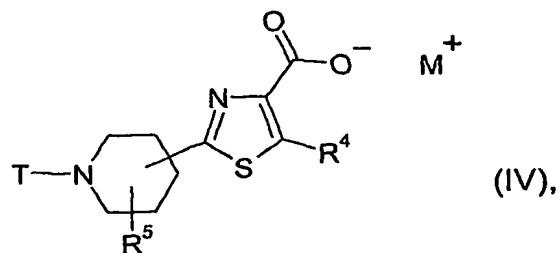
so as to form the thiazolyl ring and give the compound of the formula (III):



in which T, R<sup>4</sup> and R<sup>5</sup> are as defined above,

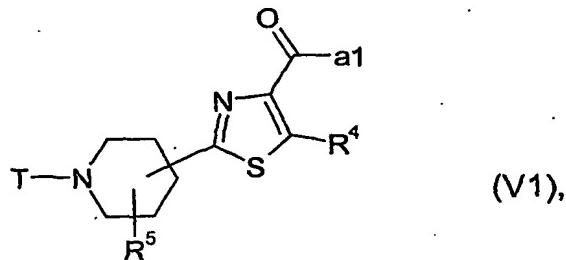
which compound of the formula (III) is then saponified with a base, of alkali metal or alkaline-earth metal hydroxide type, for example sodium hydroxide, in polar medium, for instance tetrahydrofuran and/or water, especially a 2:1 tetrahydrofuran/water mixture, at room temperature, for a time ranging from 1 to 12 hours, so as to form the salt of the formula (IV):

- 17 -



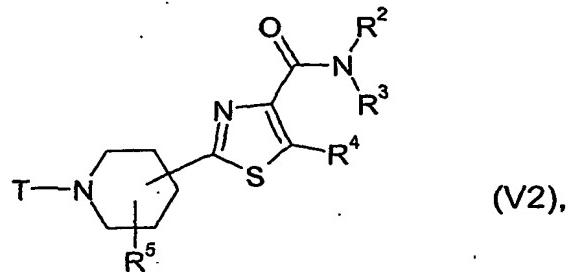
in which T, R<sup>4</sup> and R<sup>5</sup> are as defined above, and M<sup>+</sup> represents the alkali metal or alkaline-earth metal cation derived from the base that is useful for the saponification reaction,

5        which compound of the formula (IV) is next hydrolysed and then/or esterified to a compound of the formula (V1):



in which R<sup>4</sup>, R<sup>5</sup>, a1 and T are as defined above,

or converted into the corresponding amide of the formula (V2):

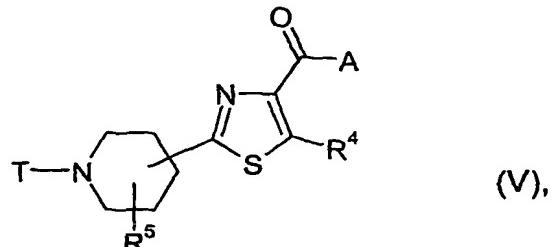


10

in which R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup> and T are as defined above,

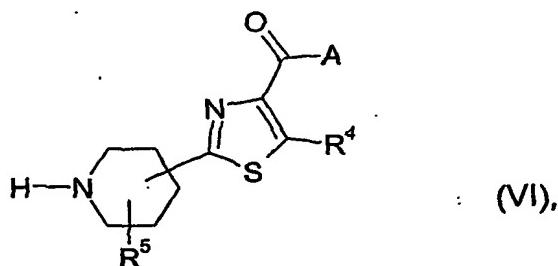
via the action of an amine of the formula HNR<sup>2</sup>R<sup>3</sup>, generally in equimolar proportions, in the presence of a base, preferably an organic base, such as diisopropylethylamine (DIPEA), and a catalyst, for example O-benzotriazol-1-yl-N,N,N',N'-tetraethyluronium hexafluorophosphate (HBTU), in a polar aprotic solvent, such as dimethylformamide, at room temperature, for a time that can range from 1 to 50 hours and generally from 4 to 20 hours,

the compounds of the formulae (V1) and (V2) together forming the compound of the formula (V):



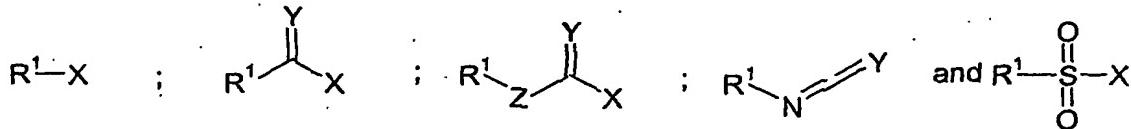
in which R<sup>4</sup>, R<sup>5</sup>, A and T are as defined above,

5        which compound of the formula (V) is then used in a reaction for deprotection of the amine function of the piperidine ring, via the action of an organic or mineral acid, for example hydrochloric acid or trifluoroacetic acid, in dichloromethane (DCM) or dioxane medium, at room temperature, for a time ranging from a few minutes to a few hours, generally ranging from five minutes to 12 hours, to  
10      give the compound of the formula (VI):



which is a special case of the compounds of the formula (I), in which R<sup>1</sup> represents hydrogen, G represents a bond, A, R<sup>4</sup> and R<sup>5</sup> being as defined above,

which is then subjected to the action of a compound chosen from:



15

in which X represents a halogen atom, preferably chlorine, R<sup>1</sup>, Y and Z being as defined above,

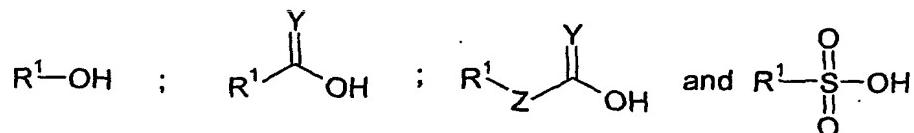
in the presence of a base, preferably an organic base, such as diisopropylethylamine (DIPEA), and a catalyst, for example O-benzotriazol-1-yl-  
20      N,N,N',N'-tetraethyluronium hexafluorophosphate (HBTU), in a polar aprotic sol-

- 19 -

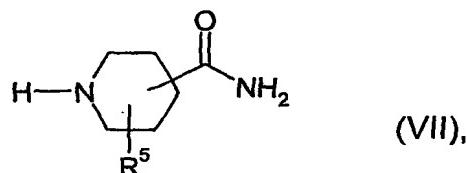
vent, such as dimethylformamide, at room temperature, for a time that can range from 1 to 50 hours and generally from 4 to 20 hours,

to give the compound of the formula (I) as defined above.

- 5 [0048] According to one variant, the compounds of the formula (I) can also be prepared by reacting a compound of the formula chosen from:



in which R<sup>1</sup>, Y and Z are as defined above,  
with a compound of the formula (VII):

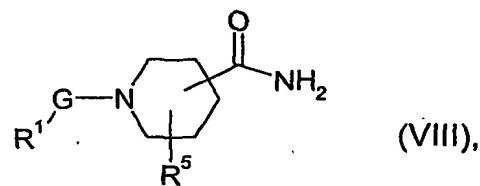


10

in which R<sup>5</sup> is as defined above,

- in the presence of an acyl chloride, such as oxalyl chloride, in basic medium, for example triethylamine, and in an apolar aprotic solvent, for example dichloromethane, at room temperature, for a time ranging from 1 to 50 hours and  
15 generally from 4 to 20 hours,

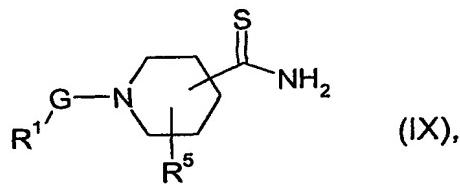
to give the compound of the formula (VIII):



in which G, R<sup>1</sup> and R<sup>5</sup> are as defined above,

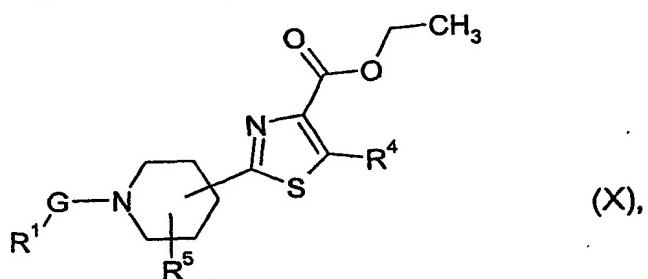
- which is then converted into the corresponding thioamide of the formula  
20 (IX) via the action of Lawesson's reagent, in a polar solvent, for example dimethyl ether, at a temperature of about 50°C, for a time generally of about 2.5 hours:

- 20 -



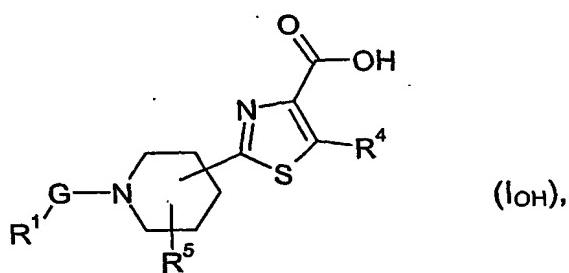
in which  $\text{G}$ ,  $\text{R}^1$  and  $\text{R}^5$  are as defined above,

the thiazole ring then being formed in a manner similar to that presented above for the formation of the compound of the formula (III), via the action of ethyl 5  $\text{R}^4$ -bromopyruvate, to give the compound of the formula (X):



in which  $\text{G}$ ,  $\text{R}^1$ ,  $\text{R}^4$  and  $\text{R}^5$  are as defined above,

which compound of the formula (X) is then saponified, in a manner similar to that for the formation of the compound of the formula (IV), to give the acid of the 10 formula (I<sub>OH</sub>):



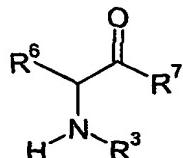
which is a special case of the compound of the formula (I) in which A represents -O-R<sup>2</sup>, R<sup>2</sup> representing a hydrogen atom,

which compound of the formula (I<sub>OH</sub>) is then optionally used in an esterification reaction, or subjected to the action of an amine of the formula  $\text{HNR}^2\text{R}^3$ , in 15 order to give the compounds of the formula (I) in which A represents, respectively, a1, with R<sup>2</sup> other than hydrogen, and a2.

- 21 -

[0049] In the processes described above, it should be understood that the operating conditions can vary substantially as a function of the different substituents G, R<sup>1</sup>, R<sup>2</sup>, R<sup>2'</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup> and R<sup>7</sup> present in the compounds of the formula (I) that it is desired to prepare. Such variations and adaptations are readily accessible to a person skilled in the art, for example from scientific reviews, the patent literature, Chemical Abstracts, and computer databases, including the Internet.

[0050] For the compounds of the general formula (I) for which A represents a2', the intermediate amine H-a2' below:



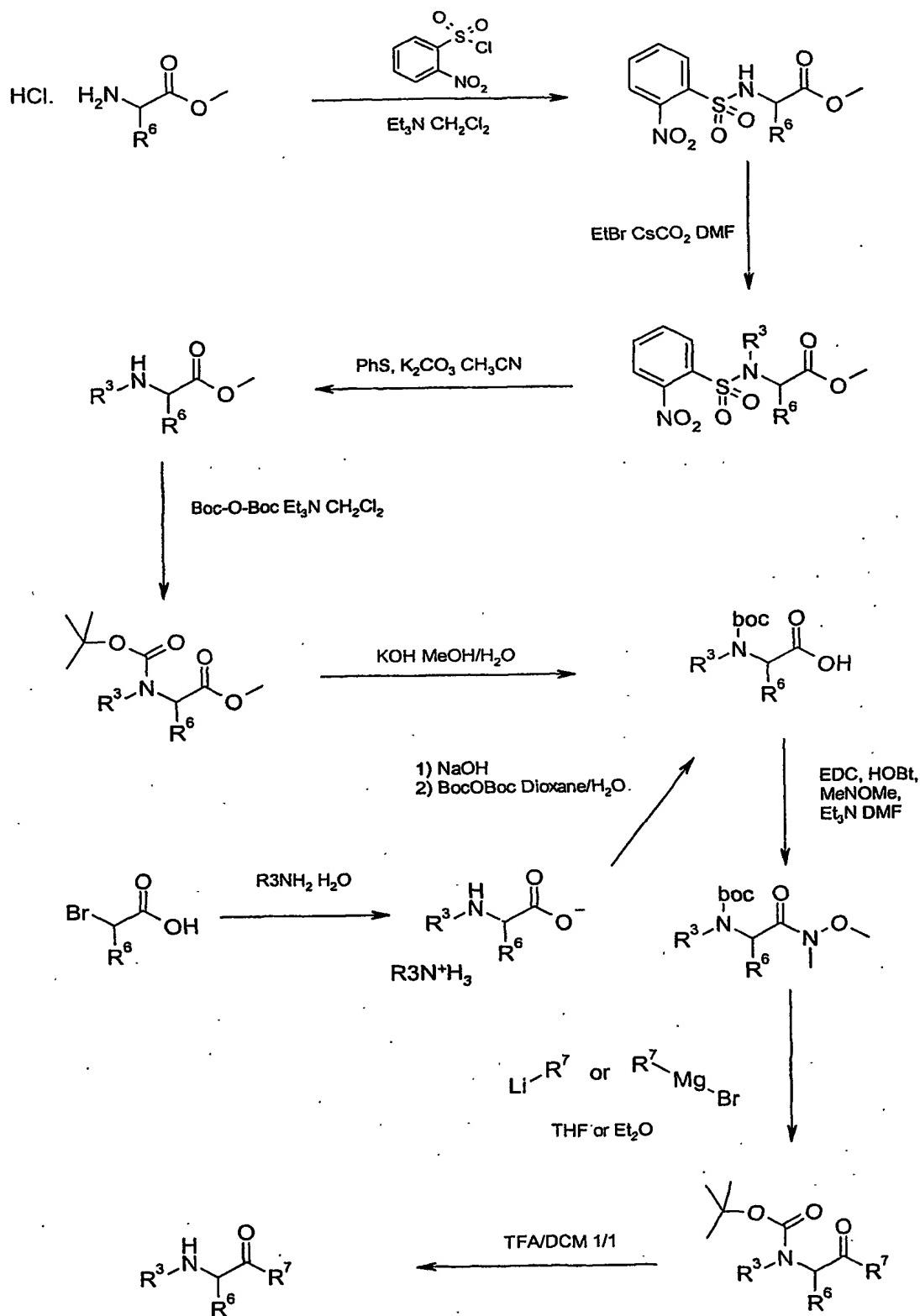
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in which R<sup>3</sup>, R<sup>6</sup> and R<sup>7</sup> are as defined above,

which will be reacted with the compounds of the formulae (V2) and (I<sub>OH</sub>) defined above,

15 can advantageously be prepared according to one of the synthetic routes presented in the following scheme, and in which the various substituents are as defined in the present invention:

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[0051] The present invention also relates to pharmaceutical compositions comprising an effective pharmaceutical amount of a compound of the formula (I), as defined above, in combination with one or more pharmaceutically acceptable vehicles.

5

[0052] These compositions can be administered orally in the form of immediate-release or controlled-release tablets, gel capsules or granules, intravenously in the form of an injectable solution, transdermally in the form of an adhesive transdermal device, or locally in the form of a solution, cream or gel.

10

[0053] A solid composition for oral administration is prepared by adding to the active principle a filler and, where appropriate, a binder, a disintegrating agent, a lubricant, a colorant or a flavour enhancer, and by forming the mixture into a tablet, a coated tablet, a granule, a powder or a capsule.

15

[0054] Examples of fillers include lactose, corn starch, sucrose, glucose, sorbitol, crystalline cellulose and silicon dioxide, and examples of binders include poly(vinyl alcohol), poly(vinyl ether), ethylcellulose, methylcellulose, acacia, gum tragacanth, gelatin, Shellac, hydroxypropylcellulose, hydroxypropylmethylcellulose, calcium citrate, dextrin and pectin.

20

[0055] Examples of lubricants include magnesium stearate, talc, polyethylene glycol, silica and hardened plant oils. The colorant can be any colorant permitted for use in medicaments.

25

[0056] Examples of flavour enhancers include cocoa powder, mint in herb form, aromatic powder, mint in oil form, borneol and cinnamon powder. It should be understood that the tablet or granule may be suitably coated with sugar, gelatin or the like.

30

[0057] An injectable form comprising the compound of the present invention as active principle is prepared, where appropriate, by mixing the said compound with a pH regulator, a buffer agent, a suspension agent, a solubilizer, a stabilizer, a tonicity agent and/or a preserving agent, and by converting the mixture into a 5 form for intravenous, subcutaneous or intramuscular injection, according to a conventional process. Where appropriate, the injectable form obtained can be lyophilized via a conventional process.

[0058] Examples of suspension agents include methylcellulose, polysorbate 10 80, hydroxyethylcellulose, acacia, powdered gum tragacanth, sodium carboxymethylcellulose and polyethoxylated sorbitan monolaurate.

[0059] Examples of solubilizers include castor oil solidified with polyoxyethylene, polysorbate 80, nicotinamide, polyethoxylated sorbitan monolaurate and 15 the ethyl ester of castor oil fatty acid.

[0060] In addition, the stabilizer includes sodium sulfite, sodium metasulfite and ether, while the preserving agent includes methyl *para*-hydroxybenzoate, ethyl *para*-hydroxybenzoate, sorbic acid, phenol, cresol and chlorocresol.

20

[0061] A subject of the present invention is also a use of a compound of the formula (I) of the invention for the preparation of a medicament for the treatment of hypertriglyceridaemia, hypercholesterolaemia and dyslipidaemia associated with diabetes, and also for the prevention of and treating obesity.

25

[0062] The examples that follow illustrate the present invention without limiting it in any way.

Examples of thiazolylpiperidine compounds according to the invention

Example 1:

5       2-[1-(6-Methyl-4'-trifluoromethoxybiphenyl-2-carbonyl)piperid-4-yl]thiazol-4-carbonyl[N-ethyl-N-(1-methyl-2-oxo-2-phenylethyl)]amide

Step a)

tert-Butyl 4-(4-ethoxycarbonylthiazol-2-yl)piperidine-1-carboxylate

10     tert-Butyl 4-(aminocarbothioyl)tetrahydropyridine-1(2H)-carboxylate (Maybridge) (85 mmol; 20.8 g) is dissolved in 250 ml of dimethylformamide and placed at 5°C. Ethyl bromopyruvate (1 eq.; 85 mmol; 16.6 g) dissolved in 50 ml of dimethylformamide is added dropwise. The reaction medium is stirred overnight and excess triethylamine is then added dropwise. The reaction medium is evaporated and the residual brown oil is taken up in ethyl acetate and washed with water (twice) and then with saturated sodium chloride solution (twice). The organic phase is dried over sodium sulfate and evaporated to dryness. The crude product is chromatographed on silica, eluting with dichloromethane to dichloromethane/3% methanol, to give 20.5 g of the expected product in the form of oily crystals. TLC: 1/1 ethyl acetate/hexane: Rf = 0.55

20     Yield = 71 %.

Step b)tert-Butyl 4-(4-carboxythiazol-2-yl)piperidine-1-carboxylate

tert-Butyl 4-(4-ethoxycarbonylthiazol-2-yl)piperidine-1-carboxylate (60 mmol; 20.4 g) is dissolved in 225 ml of a mixture of tetrahydrofuran and water (2/1), and 1N sodium hydroxide (2 eq.; 120 mmol; 120 ml) is added dropwise. The reaction medium is stirred at room temperature overnight. The reaction medium is washed with ether and the aqueous phase is then acidified with saturated nitric acid solution. The precipitate is filtered off, washed with water and dried to give 15.5 g of cream-coloured crystals.

TLC: 1/1/1 CH<sub>2</sub>Cl<sub>2</sub>/EtOAc/MeOH: R<sub>f</sub> = 0.6.

Yield: 83%.

Step c)tert-Butyl 4-[4-[ethyl(1-methyl-2-oxo-2-phenylethyl)carbamoyl]thiazol-2-yl]-piperidine-1-carboxylate

tert-Butyl 4-(4-carboxythiazol-2-yl)piperidine-1-carboxylate (6.5 mmol; 2.03 g) is dissolved in 40 ml of anhydrous dimethylformamide and placed under an inert atmosphere, and 2-(ethylamino)propiophenone hydrochloride (1 eq.; 6.5 mmol; 1.39 g), HBTU (1 eq.; 6.5 mmol; 2.47 g) and N-ethyldiisopropylamine (3.5 eq.; 22.75 mmol; 3.97 ml) are then added. The reaction medium is stirred at room temperature overnight. The reaction medium is evaporated to dryness and then taken up in dichloromethane and washed with saturated potassium carbonate (K<sub>2</sub>CO<sub>3</sub>) solution, citric acid solution and water (twice). The organic phase is dried over sodium sulfate and then evaporated to dryness. The crude product is chromatographed on silica, using a 1/1 ethyl acetate/hexane mixture as eluent (R<sub>f</sub> = 0.55) to give 2.6 g of expected product in the form of an oil.

Yield: 85%.

Step d)4-[4-[Ethyl(1-methyl-2-oxo-2-phenylethyl)carbamoyl]thiazol-2-yl]piperidinium chloride

5 *tert*-Butyl 4-[4-[ethyl(1-methyl-2-oxo-2-phenylethyl)carbamoyl]thiazol-2-yl]-piperidine-1-carboxylate (5.5 mmol; 2.59 g) is dissolved in 13.75 ml of a 4M solution of hydrochloric acid in dioxane. The reaction medium is stirred at room temperature overnight and is then evaporated to dryness to give 2.24 g of a white solid.

Yield = quantitative.

10

Step e)2-[1-(6-Methyl-4'-trifluoromethoxybiphenyl-2-carbonyl)piperid-4-yl]thiazol-4-carbonyl[N-ethyl-N-(1-methyl-2-oxo-2-phenylethyl)]amide

15 The title compound was obtained according to a procedure similar to that used for the preparation of *tert*-butyl 4-[4-[ethyl(1-methyl-2-oxo-2-phenylethyl)carbamoyl]thiazol-2-yl]piperidine-1-carboxylate.

TLC: 1/1 CH<sub>2</sub>Cl<sub>2</sub>/EtOAc: R<sub>f</sub> = 0.47

LC-MS: (ES+) 650.4 (M+H)

Yield: 88%.

20

Example 2:1-(4-[4-(1-morpholin-4-yl)methanoyl]thiazol-2-yl)piperid-1-yl)-1-(4'-trifluoromethylbiphenyl-2-yl)methanoneStep a)1-[4'-(trifluoromethyl)-1,1'-biphenyl-2-yl]carbonylpiperidine-4-carboxamide

25 4'-(Trifluoromethyl)-2-biphenylcarboxylic acid (20.5 g; 77 mmol) is dissolved in 340 ml of dimethylformamide and 200 ml of dichloromethane. The reaction medium is placed at 0°C and oxalyl chloride (1.8 eq.; 138.6 mmol; 12 ml) is added. The reaction medium is stirred at room temperature for 3 hours and then evaporated to dryness. The crude product is taken up in 270 ml of dichloro-

methane, followed by addition of a solution of isonipecotamide (0.97 eq.; 74.7 mmol; 9.57 g) and triethylamine (2.7 eq.; 207.9 mmol; 29 ml) in 270 ml of dichloromethane, placed at 0°C. The mixture is allowed to warm to room temperature over 12 hours, saturated aqueous sodium hydrogen carbonate solution is 5 then added (in a 1/1 proportion) and the resulting mixture is stirred for 30 minutes. The organic phase is washed with 1M sodium hydroxide solution and then with water, dried over sodium sulfate and evaporated to dryness. The crude product is dispersed in diisopropyl ether and then filtered off and dried to give 23.09 g of coupling product.

10 Yield: 79.6 %.

Step b)

1-{{[4'-(trifluoromethyl)-1,1'-biphenyl-2-yl]carbonyl}piperidine-4-carbothioamide}

15 1-{{[4'-(Trifluoromethyl)-1,1'-biphenyl-2-yl]carboxyl}piperidine-4-carbox-  
amide (11.29 g; 30 mmol) is dissolved in a mixture of Lawesson's reagent (1 eq.; 30 mmol; 12.13 g), dimethyl ether (100 ml) and chloroform (40 ml). The reaction medium is heated at 50°C for 2 hours 30 minutes and then evaporated to dryness and taken up in ethyl acetate. The organic phase is washed with saturated potassium carbonate solution and then with water, dried over sodium carbonate and 20 evaporated to dryness. The yellow solid is dispersed in diisopropyl ether and then filtered off and dried to give 10.5 g of product.

Yield: 89 %.

Step c)

Ethyl 2-{1-{{[4'-(trifluoromethyl)-1,1'-biphenyl-2-yl]carbonyl}piperidine-4-yl}-1,3-thiazole-4-carboxylate}

25 1-{{[4'-(Trifluoromethyl)-1,1'-biphenyl-2-yl]carbonyl}piperidine-4-carbothio-  
amide (10.5 g; 26.75 mmol) is dissolved in 100 ml of dimethylformamide and placed at 0°C. 90% [lacuna] bromopyruvate (1 eq.; 26.75 mmol; 3.73 ml) is added, 30 the mixture is left at 0°C for 30 minutes and is then allowed to warm to room temperature over 12 hours, followed by addition of 10 ml of triethylamine. The reaction

- 29 -

medium is evaporated and the crude product is then extracted three times with ethyl acetate. The organic phase is washed with saturated aqueous sodium chloride solution (three times), with water (once) and again with sodium chloride, and is then dried over sodium sulfate and evaporated to dryness. The residue is 5 chromatographed on silica (eluent: 97/3 dichloromethane/methanol) to give 10.33 g of the expected product.

Yield: 79 %.

Step d)

10 2-[1-{4'-(Trifluoromethyl)-1,1'-biphenyl-2-yl}carboxyl]piperid-4-yl]-1,3-thiazole-4-carboxylic acid

The title compound was obtained according to a procedure similar to that used for the preparation of *tert*-butyl 4-(4-carboxythiazol-2-yl)piperidine-1-carboxylate.

15 Yield: quantitative.

Step e)

1-(4-[4-(1-Morpholin-4-yl)methanoyl]thiazol-2-yl)piperid-1-yl)-1-(4'-trifluoromethyl-biphenyl-2-yl)methanone

20 The title compound was obtained according to a procedure similar to that used for the preparation of *tert*-butyl 4-[4-[ethyl(1-methyl-2-oxo-2-phenylethyl)carbamoyl]thiazol-2-yl)piperidine-1-carboxylate.

Yield: 87%.

25 As an additional example, the procedure below shows a synthetic route that can be used for the preparation of an amine of the formula H-a2':

**Preparation of 2-ethylamino-1-pyrid-2-ylpropan-1-one in the form of  
the acid salt with bis-trifluoroacetic acid**

**Step a)**

**Methyl 2-(2-nitrobenzenesulfonylamino)propionate**

5 DL-Alanine methyl ester hydrochloride (13.96 g; 0.1 mol) is dissolved in 800 ml of dichloromethane and placed at 0°C. Triethylamine (2.3 eq.; 230 mmol; 32 ml) is added dropwise, along with portionwise addition of 2-nitrobenzenesulfonyl chloride (1 eq.; 100 mmol; 22.16 g), and the reaction medium is allowed to return to room temperature overnight. The reaction medium is washed with water  
10 and then dried over sodium sulfate, filtered through silica and evaporated to dryness to give 25.3 g of solid corresponding to the title compound.

Yield: 88 %.

**Step b)**

**Methyl 2-[ethyl(2-nitrobenzenesulfonyl)amino]propionate**

15 Methyl 2-(2-nitrobenzenesulfonylamino)propionate (17 g; 59 mmol) is dissolved in 600 ml of dimethylformamide, and caesium carbonate (1.5 eq.; 88 mmol; 28.6 g) is then added. The reaction medium is stirred for 30 minutes at room temperature, followed by dropwise addition of ethyl bromide (4 eq.; 236 mmol; 20 17.6 ml) and the resulting mixture is stirred overnight at room temperature. The reaction medium is evaporated to dryness, taken up in dichloromethane, filtered and evaporated to dryness. The crude product is chromatographed on silica (eluting with dichloromethane) to give 17.1 g of the expected product.

25 Yield: 92 %.

**Step c)**

**Methyl 2-ethylaminopropionate**

30 Methyl 2-[ethyl(2-nitrobenzenesulfonyl)amino]propionate (8.07 g; 25.5 mmol) is dissolved in 250 ml of acetonitrile, and thiophenol (1.12 eq.; 28.7 mmol; 2.93 ml) and K<sub>2</sub>CO<sub>3</sub> (3.25 eq.; 82.9 mmol; 11.45 g) are then added. The reaction medium is stirred overnight at room temperature. The crude product

is evaporated to dryness and then taken up in ether. The organic phase is acidified with 1N hydrochloric acid and then washed with water. The aqueous phases are combined and then washed with ether and basified with potassium carbonate. The basic aqueous phase is extracted with ether three times. The three ether phases 5 are washed with water and then with saturated aqueous sodium chloride solution, dried over sodium sulfate and evaporated to dryness to give 1.04 g of the expected product.

Yield: 31 %.

10 Step d)

Methyl 2-(*tert*-butoxycarbonylethylamino)propionate

Methyl 2-ethylaminopropionate (0.96 g; 7.3 mmol) is dissolved in 10 ml of dichloromethane, and triethylamine (1 eq.; 7.3 mmol; 1 ml) and Boc-O-Boc (1.1 eq.; 8 mmol; 1.75 g) are added. The reaction medium is stirred for 12 hours at room temperature and then washed with water, dried over sodium sulfate and 15 evaporated to dryness to give 1.28 g of the expected product.

Yield: 76 %.

Step e)

20 2-(*tert*-Butoxycarbonylethylamino)propionic acid

Methyl 2-(*tert*-butoxycarbonylethylamino)propionate (1.27 g; 5.5 mmol) is dissolved in 5 ml of methanol, and potassium hydroxide (1.2 eq.; 6.6 mmol; 0.37 g) dissolved in 1.6 ml of water is then added. The reaction medium is left at room temperature for 12 hours and then evaporated to dryness, taken up in water and 25 washed with ether. The aqueous phase is acidified by adding 1N hydrochloric acid and extracted three times with ether. The organic phases are combined, dried over sodium sulfate and evaporated to dryness to give 0.88 g of a white solid.

Yield: 74 %.

Step e bis): Alternative route:

DL-2-Bromopropionic acid (76.5 g; 0.5 mol) is dissolved in 250 ml of water and 70% ethylamine (4.7 eq.; 2.3 mol; 150 g) is added dropwise. The reaction medium is stirred at room temperature for 12 hours and then evaporated to dryness and taken up in 400 ml of water comprising 40 g of sodium hydroxide (1.0 mol). The reaction medium is again evaporated to dryness.

The crude product is dissolved in 500 ml of water and 250 ml of dioxane. The reaction medium is placed at 0°C and di(*tert*-butyl) carbonate (1.1 eq.; 0.55 mol; 120 g) dissolved in 200 ml of dioxane is added dropwise. The pH is maintained at 10 by adding sodium hydroxide. The reaction medium is stirred at room temperature for 24 hours and then filtered. The filtrate is concentrated and then taken up in 700 ml of water and acidified to pH 2-3 with citric acid. The precipitate is filtered off and dried (108.6 g).

Yield: 62 %.

15

Step f)Dimethyl ethyl ethyl[1-(methoxymethylcarbamoyl)ethyl]carbamate

2-(*tert*-Butoxycarbonylethylamino)propionic acid (40 mmol; 873 mg) is dissolved in 5 ml of dimethylformamide, and N,O-dimethylhydroxylamine hydrochloride (1.25 eq.; 5.0 mmol; 490 mg), HOBT (1.25 eq.; 5.0 mmol; 676 mg), triethylamine (1.25 eq.; 5.0 mmol; 0.7 ml) and EDC (1.25 eq.; 5.0 mmol; 960 mg) are added. The reaction medium is stirred for 12 hours and then evaporated to dryness. The crude product is extracted with ether, washed successively, twice with aqueous 4% citric acid solution, twice with aqueous 4% sodium hydrogen sulfite solution, with water and then with saturated sodium chloride solution. The organic phase is dried over sodium sulfate, evaporated to dryness and chromatographed on silica (eluent: 1/2 ethyl acetate/hexane; R<sub>f</sub> = 0.45) to give 795 mg of a colourless product.

Yield: 76 %.

30

Step g)tert-Butyl ethyl(1-methyl-2-oxo-2-pyrid-2-ylethyl)carbamate

2-Bromopyridine (7.0 mmol; 667 µL) is dissolved in 40 ml of anhydrous tetrahydrofuran and placed at -100°C, followed by dropwise addition of a 1.6M solution of n-butyllithium in hexane (1 eq.; 7.0 mmol; 4.375 ml). The reaction medium is stirred for 30 minutes and dimethyl ethyl ethyl[1-(methoxymethylcarbamoyl)ethyl]carbamate (1 eq.; 7.0 mmol; 1.822 g) dissolved in 20 ml of anhydrous tetrahydrofuran is added dropwise. The reaction medium is stirred at -100°C for 1 hour 30 minutes. The reaction medium is then removed from the ice bath, 10 200 ml of saturated aqueous sodium chloride solution are added and the mixture is then extracted with ether. The organic phase is dried over sodium sulfate, evaporated to dryness and chromatographed on silica (eluent: 1/2 ethyl acetate/heptane; R<sub>f</sub> = 0.23) to give 1.04 g of the expected product.

Yield: 53 %.

15

Step h)2-Ethylamino-1-pyrid-2-ylpropan-1-one – acid salt with bis-trifluoroacetic acid

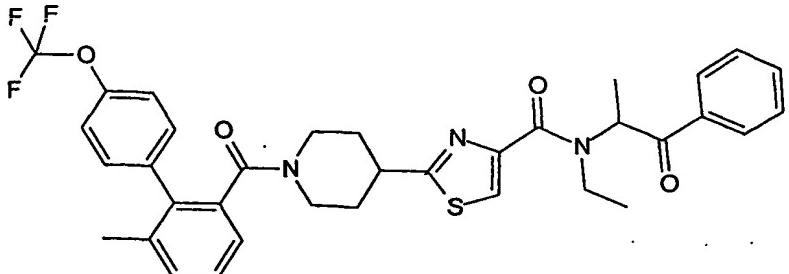
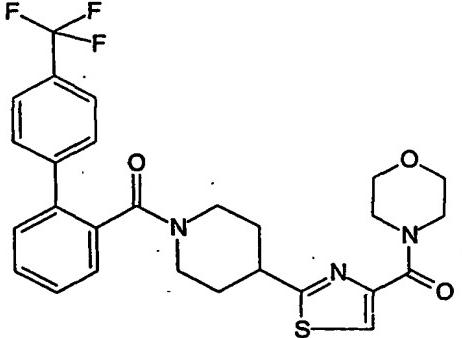
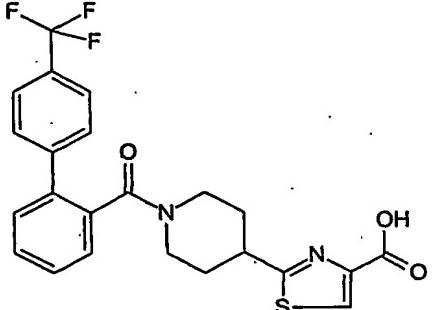
tert-Butyl ethyl(1-methyl-2-oxo-2-pyrid-2-ylethyl)carbamate (1.03 g; 20 3.7 mmol) is dissolved in 30 ml of a 1/1 dichloromethane/trifluoroacetic acid mixture. The reaction medium is stirred for one hour at room temperature and then evaporated to dryness to give 1.5 g of the expected salt.

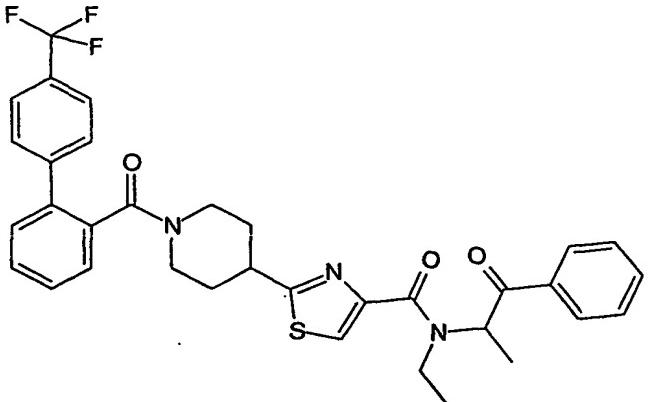
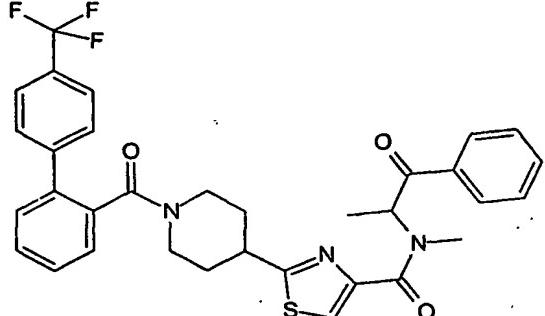
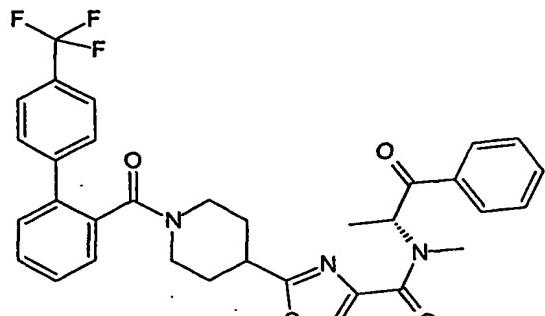
Yield: quantitative.

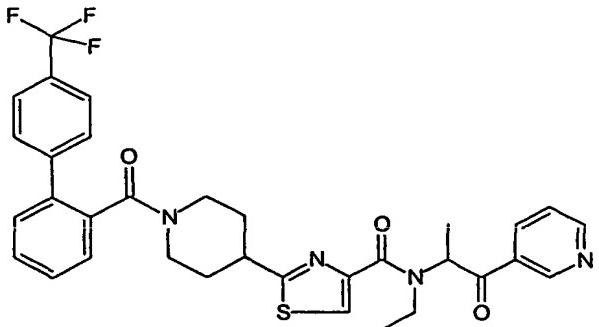
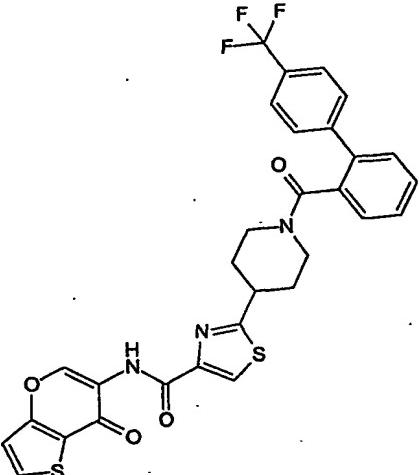
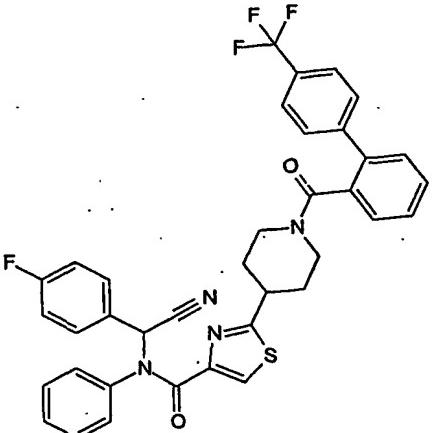
25 The compounds of the general formula (I) presented in the table below were prepared according to procedures similar to those described above.

Other examples of compounds included in the scope of the present invention are presented in Table 1 below. All these compounds are obtained according 30 to procedures similar to those presented above.

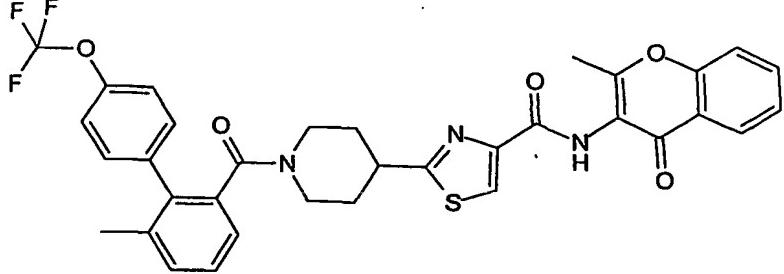
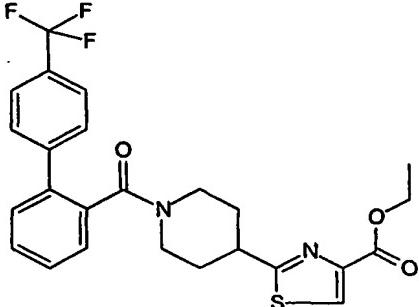
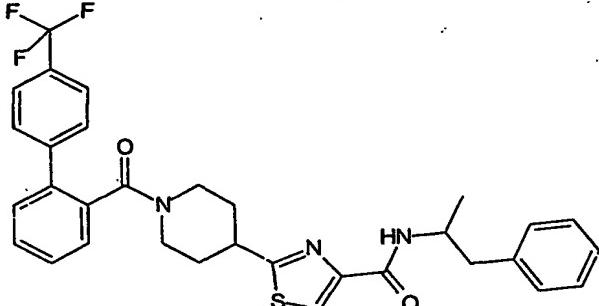
TABLE 1

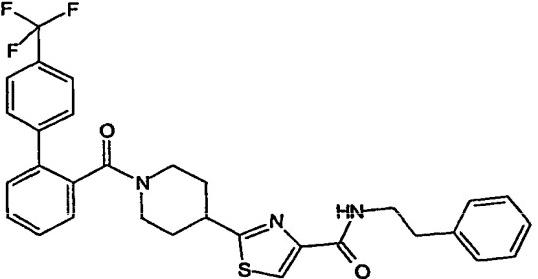
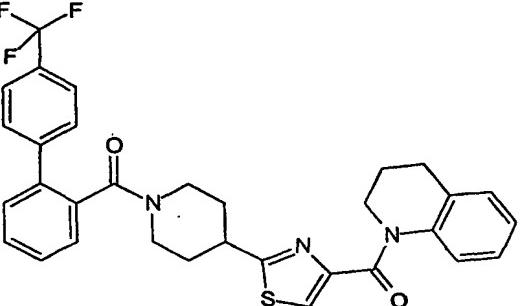
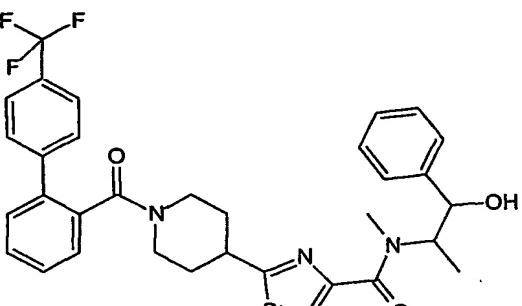
No.	FORMULA	NMR or mass
1		(CDCI <sub>3</sub> ) : 1.27-1.22 (19H, m); 1.25-1.23 (1H, m); 1.27-1.24 (1H, m); 1.25-1.27 (13H, m).
2		(CDCI <sub>3</sub> ) : 1.29-1.24 (16H, m); 1.29-1.24 (1H, m); 1.29-1.26 (9H, m).
2d		(DMSO-d <sub>6</sub> ) : 1.23-1.29 (8H, m); 1.23-1.28 (1H, m); 1.21-1.20 (8H, m); 1.28-1.20 (1H, m); 11.29 (1H, s large).

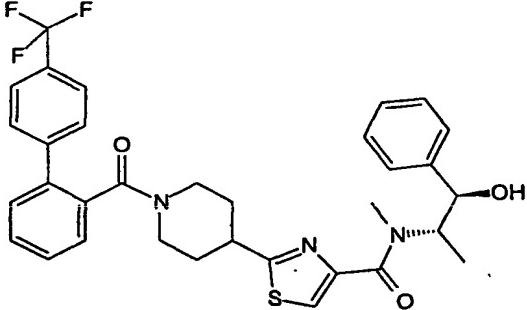
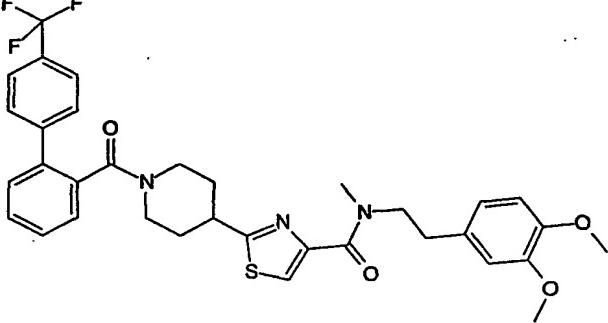
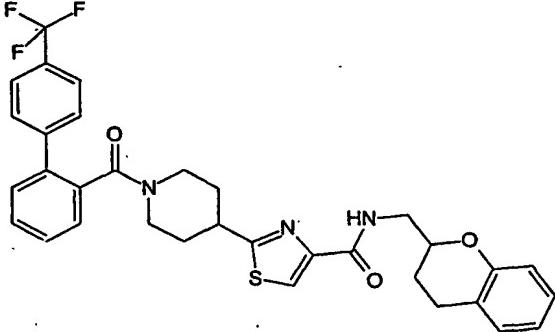
No.	FORMULA	NMR or mass
3		(CDCl <sub>3</sub> ) : 1.29-1.29 (3H, m); 1.29-1.25 (3H, m); 1.29-1.27 (7H, m); 1.21-1.22 (4H, m); 1.28-1.27 (1H, m); 1.20-1.25 (14H, m).
4		(CDCl <sub>3</sub> ) : 1.20-1.25 (3H, d, J = 1.2 Hz); 1.27- 1.28 (12H, m) ; 1.27-1.29 (1H, m); 1.28-1.20 (14H, m).
5		(CDCl <sub>3</sub> ) 1.23- 1.24 (3H, d, J = 1.2 Hz); 1.26-1.20 (11H, m); 1.21-1.20 (1H, m); 1.21-1.23 (1H, m); 1.29-1.20 (14H, m).

No.	FORMULA	NMR or mass
6		(CDCl <sub>3</sub> ) : 1.23-1.24 (16H, m) ; 1.28-1.22 (1H, m) ; 1.21-1.24 (1H, m) ; 1.21-1.28 (13H, m).
7	 N-(7-oxo-7H-thieno[3,2-b]pyran-6-yl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide	LC-MS : (ES+) 701.2 (M+H)
8		LC-MS : (ES+) 661.2 (M+H)

No.	FORMULA	NMR or mass
9		
10		
11		
12		LC-MS : (ES+) 651.2 (M+H)

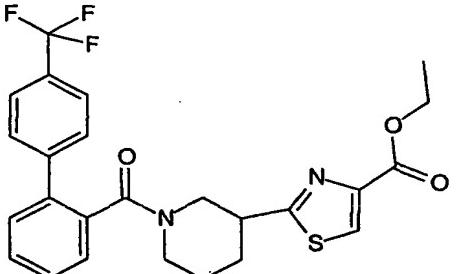
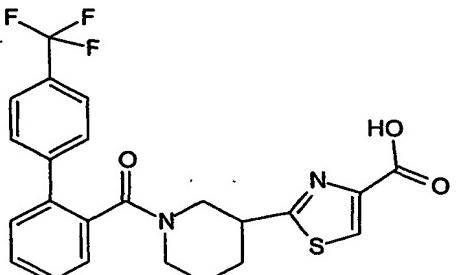
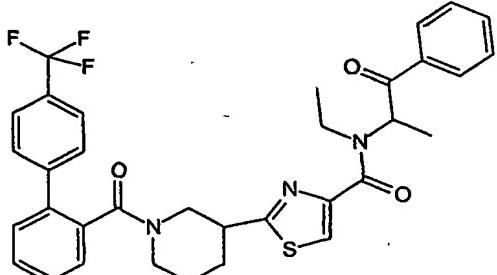
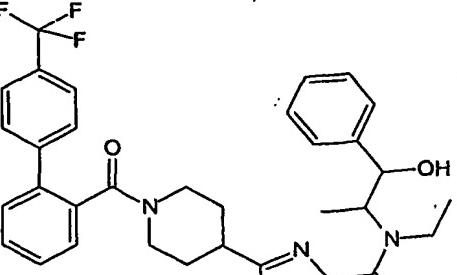
No.	FORMULA	NMR or mass
13		(CDCl <sub>3</sub> ) : 1.25-1.21 (14H, m) ; 1.27-1.25 (1H, m) ; 1.29-1.24 (1H, m) ; 1.20-1.21 (9H, m) ; 1.23-1.25 (2H, m) ; 1.20-1.29 (1H, m).
14		(DMSO-d <sub>6</sub> ) : 1.27 (3H, t, J = 1.2 Hz) ; 1.21-1.22 (4H, m) ; 1.22-1.27 (4H, m) ; 1.26 (4H, q, J = 1.2 Hz) ; 1.26- 1.26 (1H, m) ; 1.20-1.28 (8H, m) ; 1.29 (1H, s).
15		(CDCl <sub>3</sub> ) : 1.28 (3H, d, J = 1.2 Hz) ; 1.26-1.24 (4H, m) ; 1.21-1.23 (5H, m) ; 1.25-1.28 (1H, m) ; 1.28-1.29 (1H, m) ; 1.23-1.27 (1H, m) ; 1.29-1.26 (14H, m) ; 1.22 (1H, s).

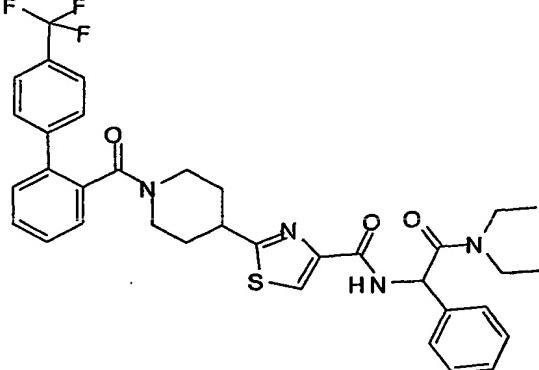
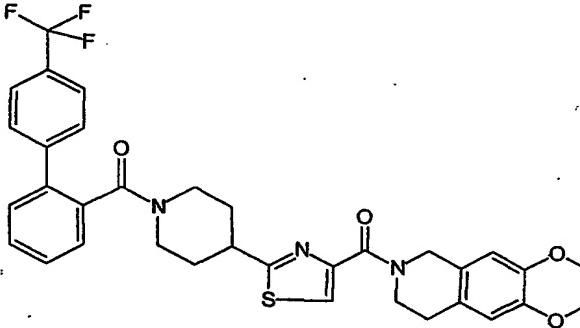
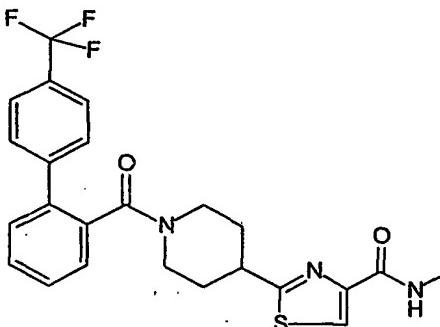
No.	FORMULA	NMR or mass
16		(CDCI3) : 1.27-1.24 (2H, m); 1.20-1.27 (6H, m); 1.21-1.20 (4H, m); 1.20-1.23 (1H, m); 1.27-1.26 (7H, m); 1.26-1.26 (7H, m); 1.27-1.28 (1H, m).
17		(CDCI3) : 1.26-1.26 (2H, m); 1.22-1.28 (4H, m); 1.22-1.28 (8H, m); 1.29-1.24 (1H, m); 1.20-1.23 (5H, m); 1.21-1.23 (8H, m).
18		(CDCI3) : 1.21 (3H, s); 1.23 (3H, s); 1.24-1.24 (7H, m); 1.25-1.26 (1H, m) 1.26- 1.28 (3H, m); 1.23-1.21 (14H, m)

No.	FORMULA	NMR or mass
19		(CDCl <sub>3</sub> ) : 1.25-1.20 (3H, m); 1.23-1.22 (10H, m); 1.23-1.21 (1H, m); 1.26-1.23 (1H, m); 1.23-1.26 (2H, m); 1.28-1.26 (14H, m).
20		(CDCl <sub>3</sub> ) : 1.20-1.28 (12H, m); 1.28-1.25 (1H, m); 1.20-1.27 (8H, m); 1.27-1.24 (1H, m); 1.29-1.26 (3H, m); 1.21-1.25 (9H, m).
21		(CDCl <sub>3</sub> ) : 1.27-1.27 (4H, m); 1.21-1.21 (6H, m); 1.23-1.22 (3H, m); 1.21-1.27 (2H, m); 1.24-1.26 (1H, m); 1.29-1.28 (5H, m); 1.22-1.26 (8H, m); 1.29-1.22 (1H, m).

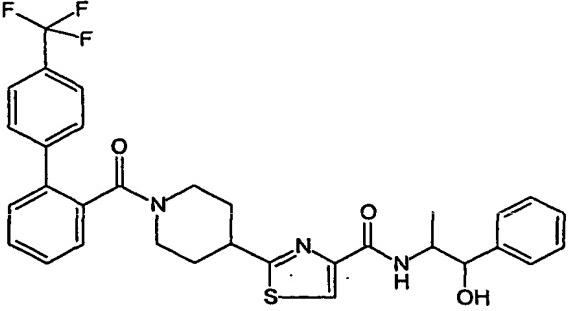
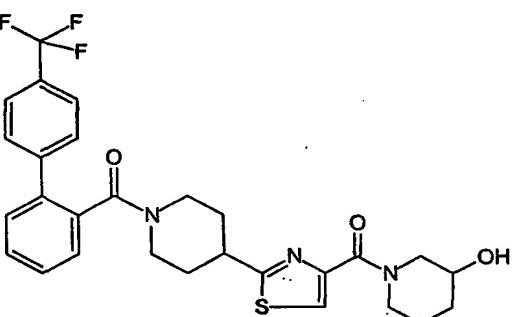
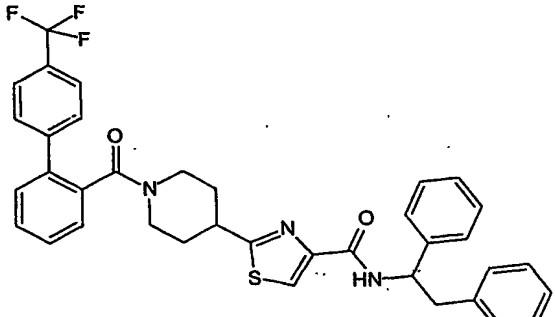
No.	FORMULA	NMR or mass
22		$(\text{CDCl}_3) :$ 1.24-1.21 (4H, m); 1.20-1.24 (6H, m); 1.29-1.26 (3H, m); 1.29-1.24 (1H, m); 1.24-1.20 (1H, m); 1.24-1.28 (2H, m); 1.20-1.26 (2H, m); 1.22-1.25 (9H, m); 1.21-1.20 (1H, m).
23		$(\text{CDCl}_3) :$ 1.27-1.28 (4H, m); 1.29-1.26 (2H, m); 1.26 (3H, s); 1.24- 1.26 (4H, m); 1.28-1.22 (2H, m); 1.21-1.28 (3H, m); 1.26-1.29 (14H, m).
24		$(\text{CDCl}_3) :$ 1.26-1.28 (7H, m); 1.22-1.25 (10H, m); 1.21-1.25 (3H, m); 1.21-1.24 (7H, m); 1.25-1.25 (7H, m).

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No.	FORMULA	NMR or mass
25		(DMSO-d6) : 1.28-1.27 (3H, m) ; 1.20-1.24 (8H, m) ; 1.21-1.28 (3H, m) ; 1.27-1.26 (8H, m) ; 1.24-1.22 (1H, m).
26		(DMSO-d6) : 1.24-1.22 (4H, m) ; 1.24-1.22 (4H, m) ; 1.29-1.20 (1H, m) ; 1.29-1.24 (8H, m) ; 1.23-1.22 (1H, m) ; 11.27 (1H, s large).
27		(DMSO-d6) : 1.24-1.25 (6H, m) ; 1.23-1.25 (10H, m) ; 1.20-1.24 (1H, m) ; 1.28-1.26 (1H, m) ; 1.23-1.27 (14H, m).
28		(CDCl3) : 1.29-1.23 (6H, m) ; 1.27-1.21 (10H, m) ; 1.23-1.28 (3H, m) ; 1.24-1.24 (1H, m large) ; 1.22-1.22 (14H, m).

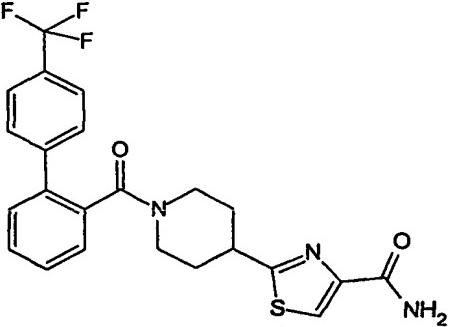
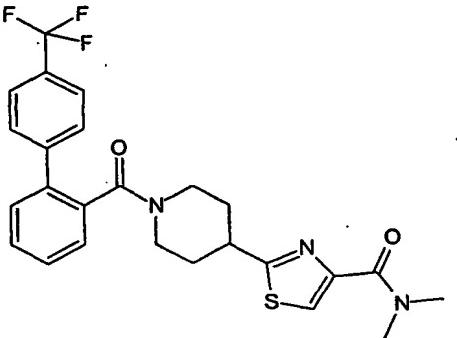
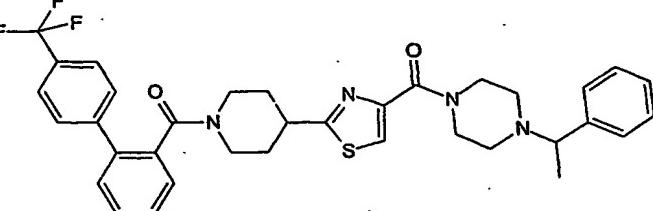
No.	FORMULA	NMR or mass
29	 <p>N-[2-(diethylamino)-2-oxo-1-phenylethyl]-2-(1-{[4'-(trifluoromethyl)-biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	(DMSO-d6) : 1.22-1.26 (18H, m); 1.23-1.28 (1H, m); 1.20-1.22 (1H, m); (15H, m).
30		(CDCI3) : 1.20-1.21 (8H, m); 1.26-1.27 (1H, m); 1.28-1.27 (1H, m); 1.27-1.27 (8H, m); 1.20-1.25 (3H, m); 1.22 (1H, s); 1.24- 1.29 (10H, m).
31		(CDCI3) : 1.22-1.25 (3H, m); 1.27-1.27 (7H, m); 1.24-1.20 (1H, m); 1.28-1.21 (1H, m); 1.25-1.22 (9H, m); 1.22-1.28 (1H, m).

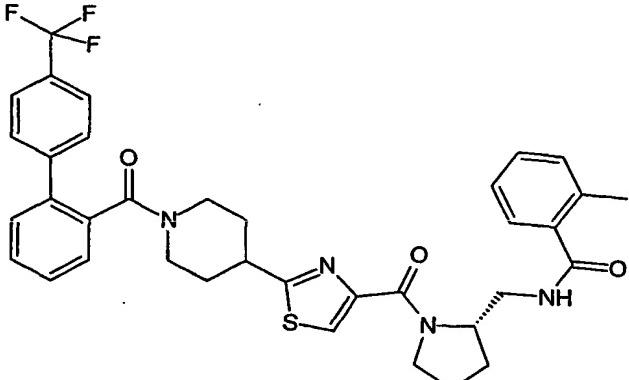
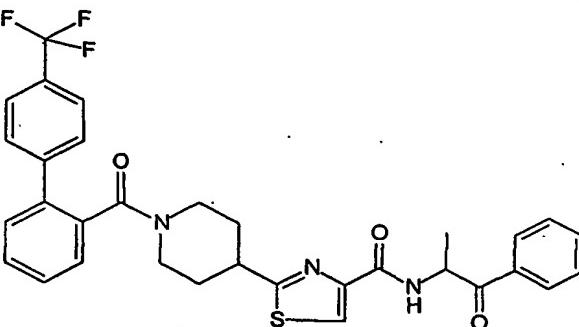
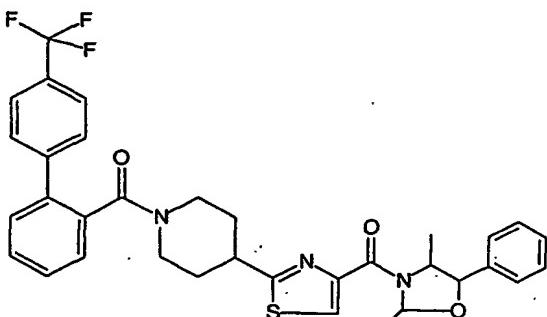
- 44 -

No.	FORMULA	NMR or mass
32		(CDCI3) : 1.21-1.26 (3H, m); 1.23-1.27 (6H, m); 1.26-1.24 (2H, m); 1.29-1.21 (1H, m); 1.22-1.24 (1H, m); 1.26-1.22 (1H, m); 1.24-1.20 (15H, m); 1.28-1.21 (1H, m).
33		(CDCI3) : 1.23-1.25 (9H, m); 1.29-1.29 (4H, m); 1.29-1.24 (2H, m); 1.28-1.29 (3H, m); 1.23-1.27 (10H, m).
34		(CDCI3) : 1.24-1.28 (7H, m); 1.20-1.29 (3H, m); 1.26-1.22 (1H, m); 1.26-1.25 (1H, m); 1.29-1.26 (20H, m).

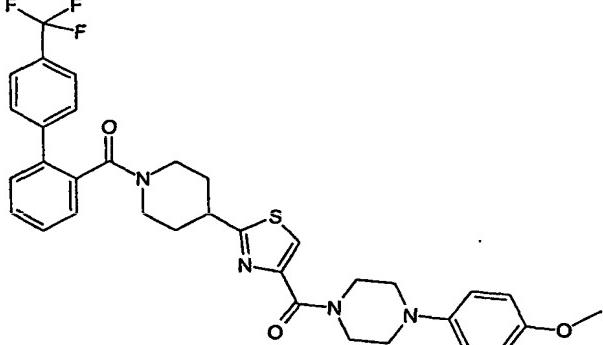
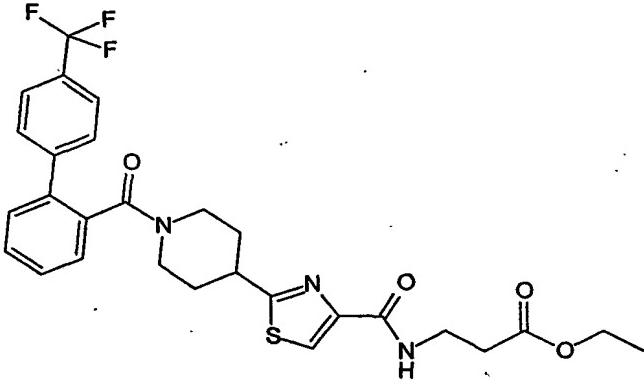
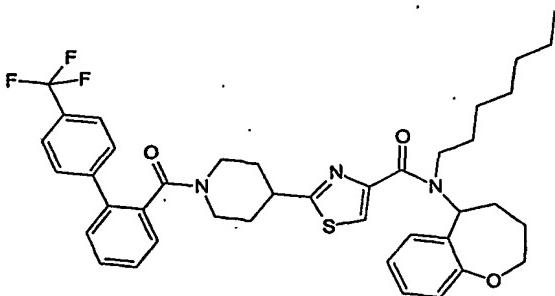
No.	FORMULA	NMR or mass
35	<p>Chemical structure of compound 35: N-(2-(4-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-2-(1-(4-(trifluoromethyl)biphenyl-2-yl)thiazole-4-carbonyl)-1,3-thiazole-4-carboxamide</p>	$(\text{CDCl}_3)$ : 1.29-1.24 (8H, m); 1.25-1.23 (7H, m); 1.26-1.25 (1H, m); 1.27-1.27 (13H, m); 1.28-1.22 (1H, m).
36	<p>Chemical structure of compound 36: N-(2-oxo-2,3-dihydro-1H-indol-3-yl)-2-(1-(4-(trifluoromethyl)biphenyl-2-yl)thiazole-4-carbonyl)-1,3-thiazole-4-carboxamide</p>	$(\text{CDCl}_3)$ : 1.22-1.29 (7H, m); 1.29-1.26 (2H, m); 1.26-1.21 (1H, m); 1.28-1.25 (15H, m).
37	<p>Chemical structure of compound 37: N-[2-(4-fluorophenyl)-1,1-dimethylethyl]-2-(1-(4-(trifluoromethyl)biphenyl-2-yl)thiazole-4-carbonyl)-1,3-thiazole-4-carboxamide</p>	$(\text{CDCl}_3)$ : 1.21 (6H, s); 1.20-1.23 (7H, m); 1.26-1.20 (2H, m); 1.22-1.23 (1H, m); 1.22-1.20 (1H, m); 1.26-1.24 (13H, m); 1.23 (1H, s).

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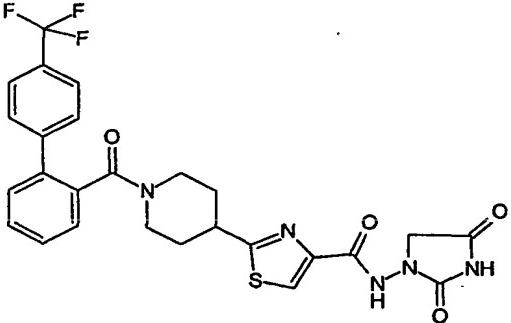
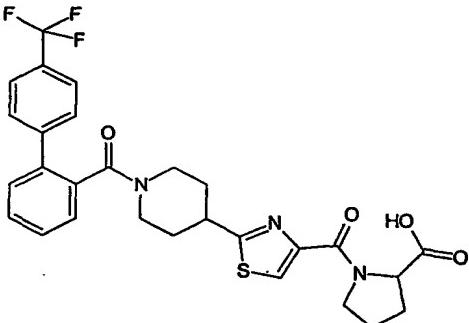
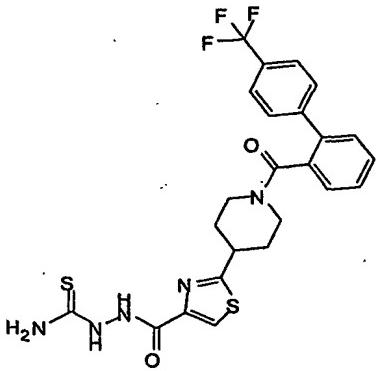
No.	FORMULA	NMR or mass
38		(CDCl <sub>3</sub> ) : 1.21-1.23 (7H, m) ; 1.26-1.28 (1H, m) ; 1.20-1.28 (1H, m) ; 1.22 (1H, s large) ; 1.29 (1H, s large) ; 1.23- 1.27 (8H, m) ; 1.26-1.22 (1H, m).
39		(CDCl <sub>3</sub> ) : 1.24-1.24 (6H, m) ; 1.24-1.24 (7H, m) ; 1.24-1.23 (1H, m) ; 1.28-1.25 (1H, m) ; 1.21-1.25 (9H, m).
40	 1-(1-phenylethyl)-4-{[2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)-piperidin-4-yl]-1,3-thiazol-4-yl}carbonylpiperazine	(CDCl <sub>3</sub> ) : 1.27-1.24 (3H, m) ; 1.26-1.21 (11H, m) ; 1.28-1.23 (2H, m) ; 1.23-1.27 (4H, m) ; 1.20-1.24 (1H, m) ; 1.24-1.26 (14H, m).

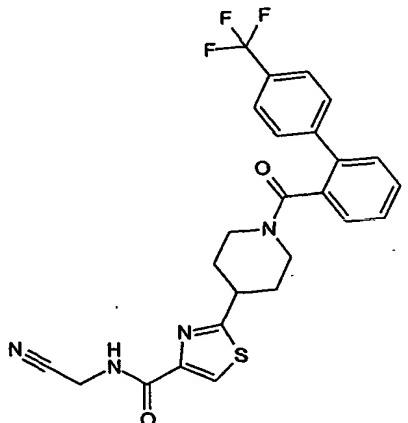
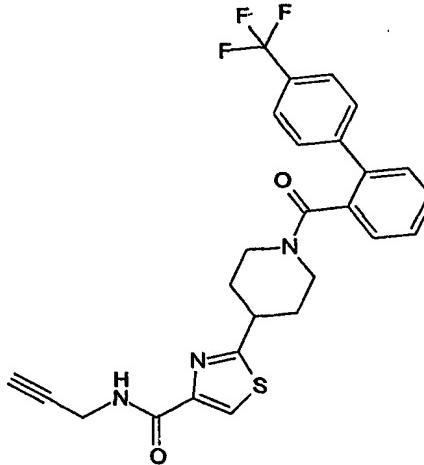
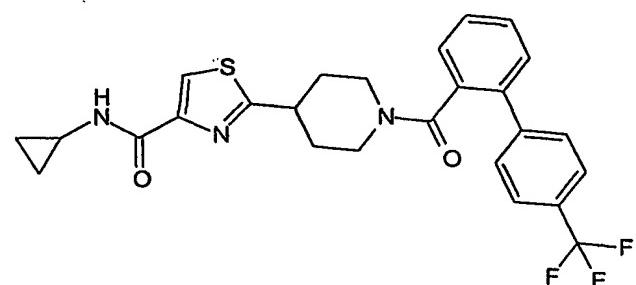
No.	FORMULA	NMR or mass
41		(CDCl <sub>3</sub> ) : 1.23-1.22 (17H, m) ; 1.29-1.27 (2H, m) ; 1.22-1.29 (2H, m) ; 1.22-1.21 (2H, m) ; 1.23-1.20 (12H, m).
42		(CDCl <sub>3</sub> ) : 1.25-1.26 (7H, m) ; 1.26-1.22 (5H, m) ; 1.25-1.26 (1H, m) ; 1.23-1.20 (13H, m) ; 1.28-1.22 (2H, m).
43		(CDCl <sub>3</sub> ) : 1.28-1.27 (14H, m) ; 1.29-1.21 (4H, m) ; 1.22-1.24 (14H, m).

No.	FORMULA	NMR or mass
44		
45		
46		

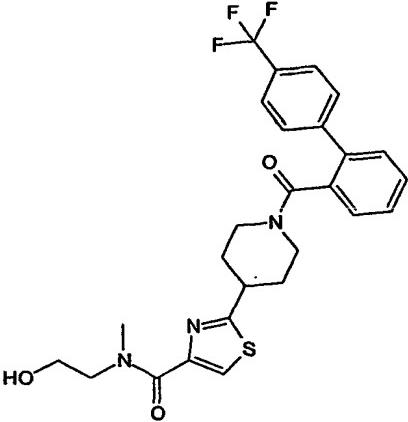
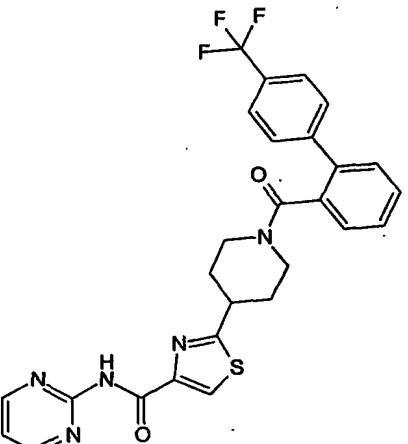
No.	FORMULA	NMR or mass
47	 <p>1-(4-methoxyphenyl)-4-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperazine</p>	
48		
49	 <p>N-heptyl-N-(2,3,4,5-tetrahydro-1-benzoxepin-5-yl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

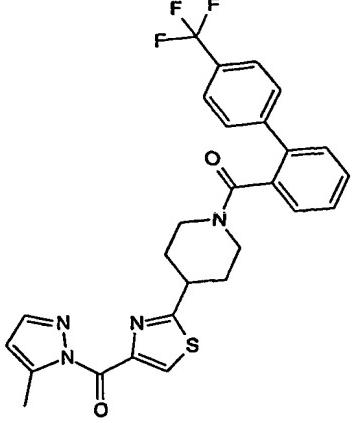
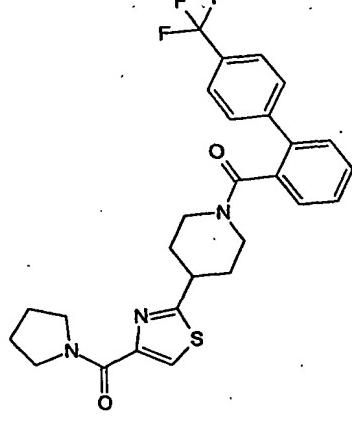
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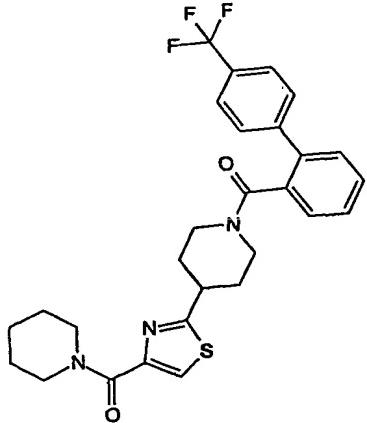
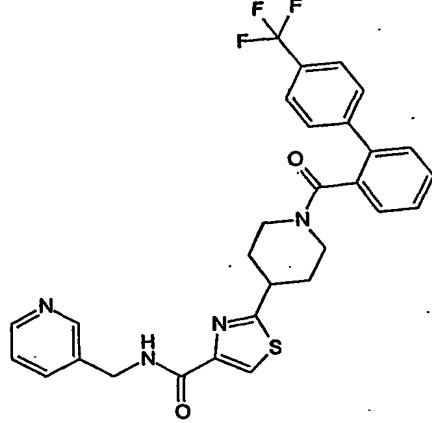
No.	FORMULA	NMR or mass
50	 <p>N-(2,4-dioxoimidazolidin-1-yl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
51	 <p>1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}proline</p>	
52	 <p>2-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}hydrazinecarbothioamide</p>	

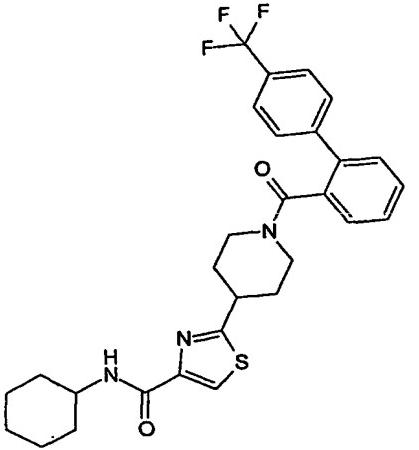
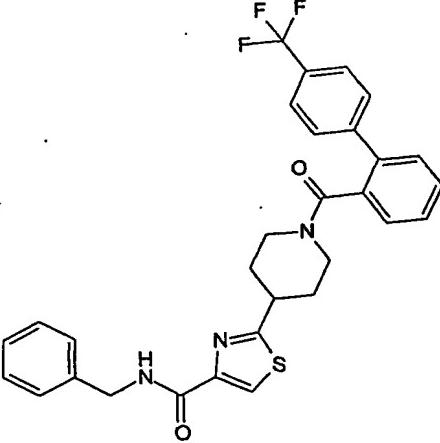
No.	FORMULA	NMR or mass
53	 <p>N-(cyanomethyl)-2-(1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
54	 <p>N-prop-2-yn-1-yl-2-(1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
55		

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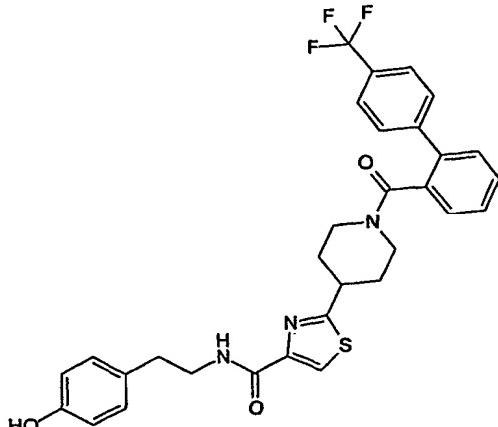
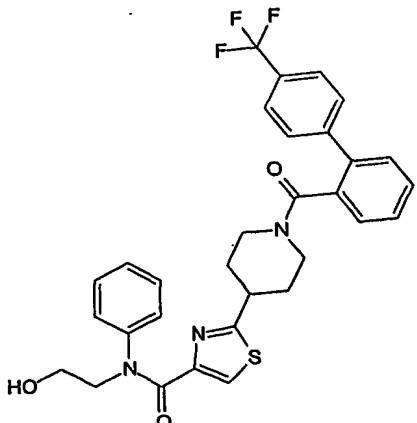
No.	FORMULA	NMR or mass
56	 <p>N-(2-hydroxyethyl)-N-methyl-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
57	 <p>N-pyrimidin-2-yl-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

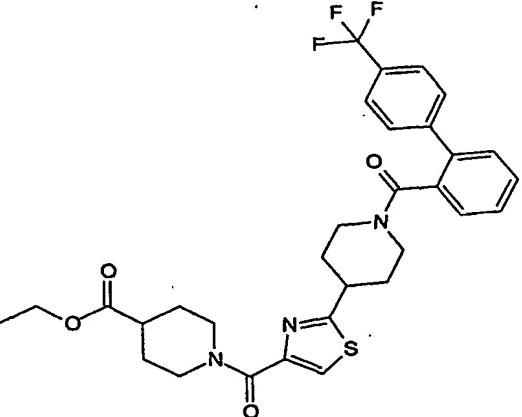
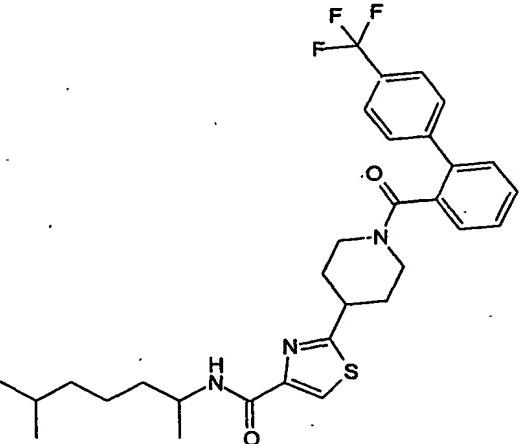
No.	FORMULA	NMR or mass
58	 <p>4-{4-[(5-methyl-1H-pyrazol-1-yl)carbonyl]-1,3-thiazol-2-yl}-1-[{4'-(trifluoromethyl)biphenyl-2-yl}carbonyl]piperidine</p>	
59	 <p>4-{4-[(pyrrolidin-1-yl)carbonyl]-1,3-thiazol-2-yl}-1-[{4'-(trifluoromethyl)biphenyl-2-yl}carbonyl]piperidine</p>	

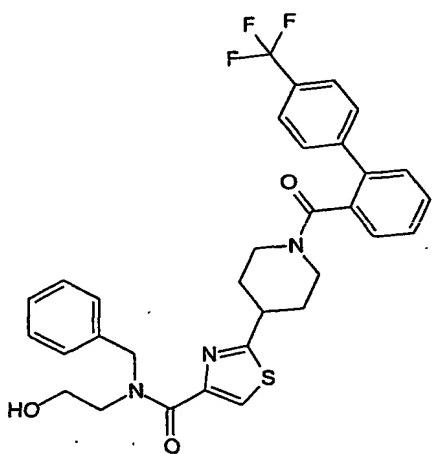
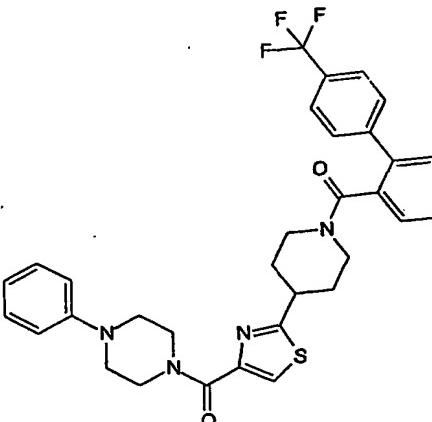
No.	FORMULA	NMR or mass
60	 <p>4-[4-(piperidin-1-ylcarbonyl)-1,3-thiazol-2-yl]-1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidine</p>	
61	 <p>N-(pyridin-3-ylmethyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

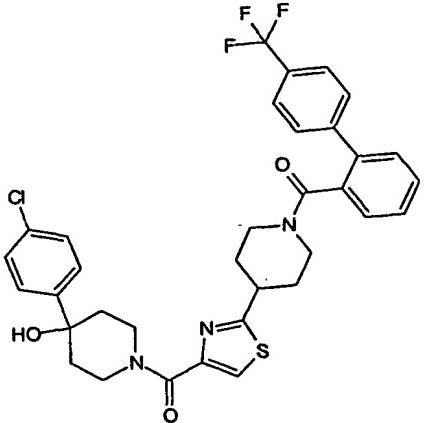
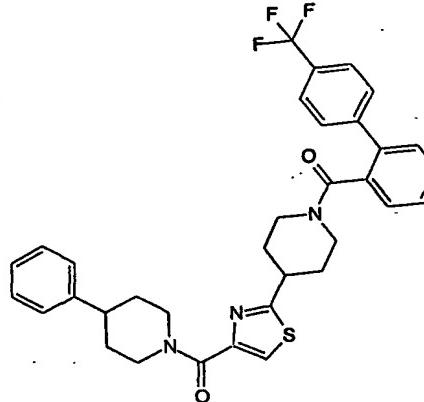
No.	FORMULA	NMR or mass
62	 <p>N-cyclohexyl-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
63	 <p>N-benzyl-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

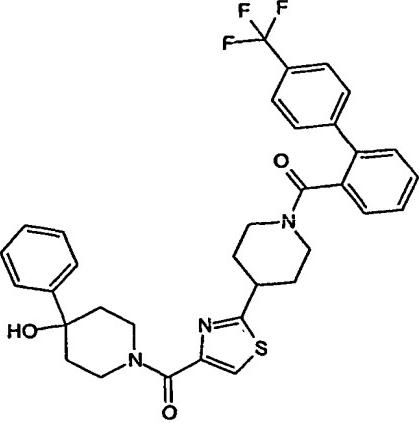
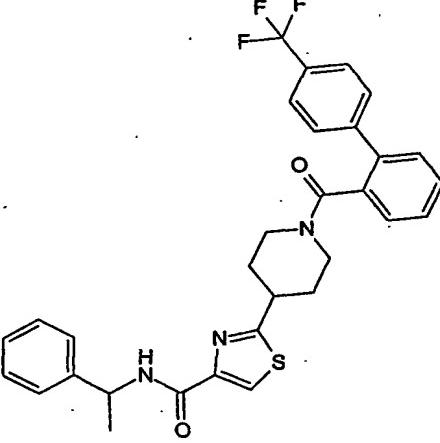
No.	FORMULA	NMR or mass
64	<p>ethyl 4-[(2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperazine-1-carboxylate</p>	
65		
66	<p>N-(3-methylbenzyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

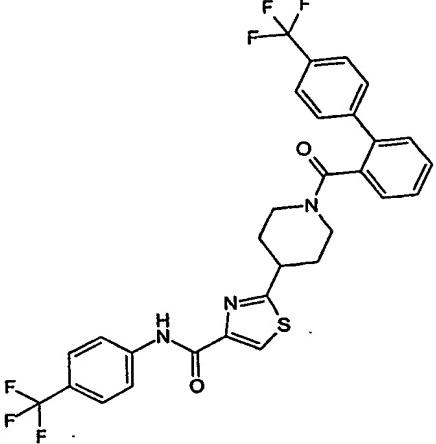
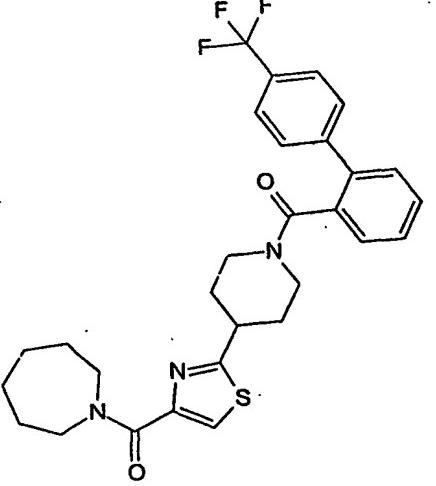
No.	FORMULA	NMR or mass
67	 <p>N-[2-(4-hydroxyphenyl)ethyl]-2-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
68	 <p>N-(2-hydroxyethyl)-N-phenyl-2-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
69	 <p>ethyl 1-[(2-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperidine-4-carboxylate</p>	
70	 <p>N-(1,5-dimethylhexyl)-2-(1-[(4'-trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

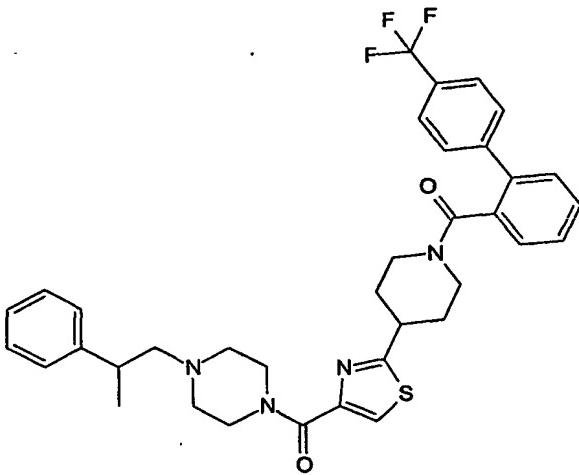
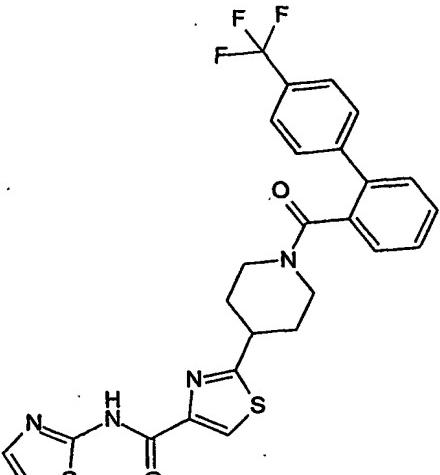
No.	FORMULA	NMR or mass
71	 <p>N-benzyl-N-(2-hydroxyethyl)-2-(1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
72	 <p>1-phenyl-4-((2-(1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl)carbonyl)piperazine</p>	

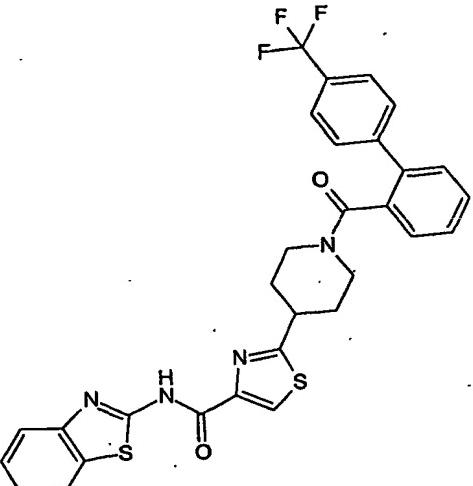
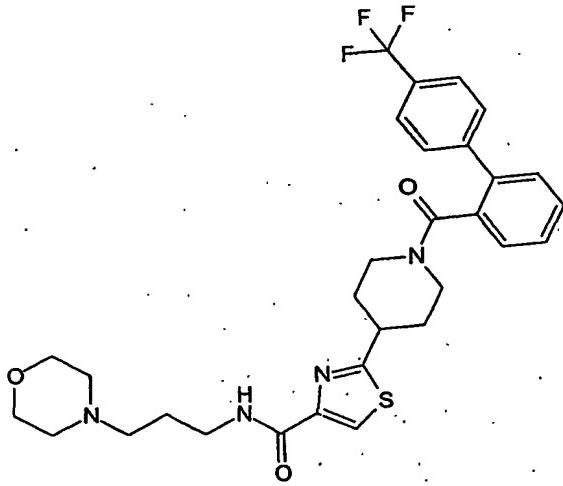
No.	FORMULA	NMR or mass
73	 <p>4-(4-chlorophenyl)-1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperidin-4-ol</p>	
74	 <p>4-phenyl-1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperidine</p>	

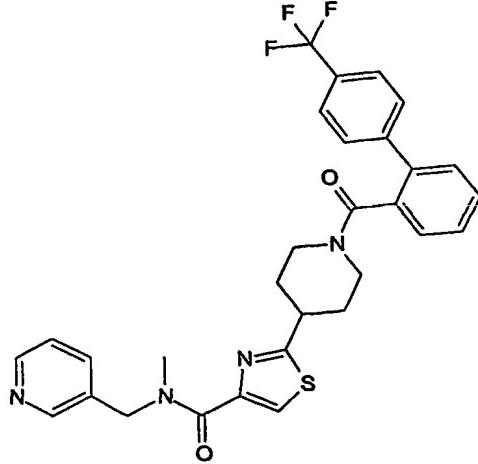
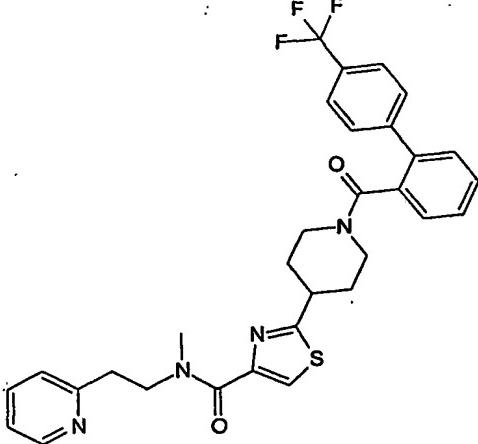
No.	FORMULA	NMR or mass
75	 <p>4-phenyl-1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperidin-4-ol</p>	
76	 <p>N-(1-phenylethyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

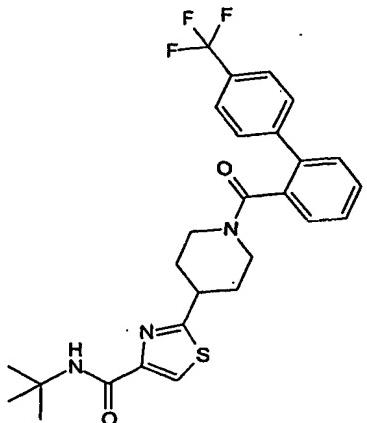
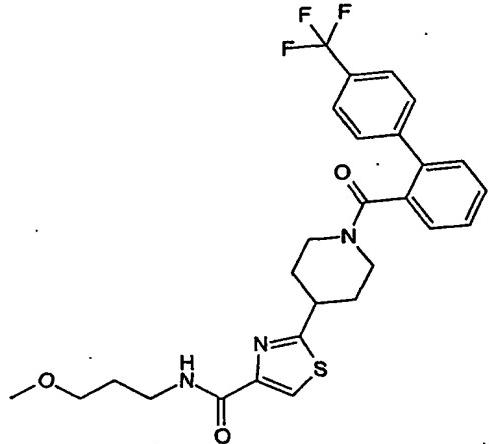
No.	FORMULA	NMR or mass
77	 <p>2-(1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-N-[4-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
78	 <p>1-((2-(1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl)carbonyl)azepane</p>	

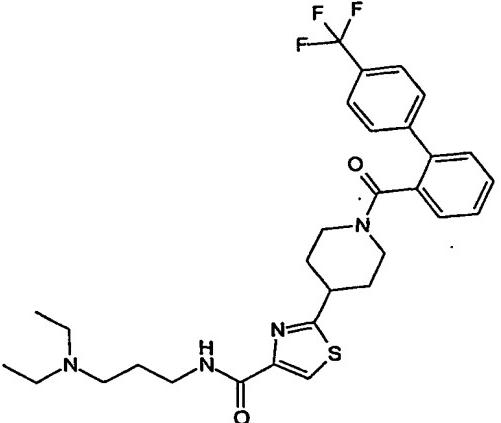
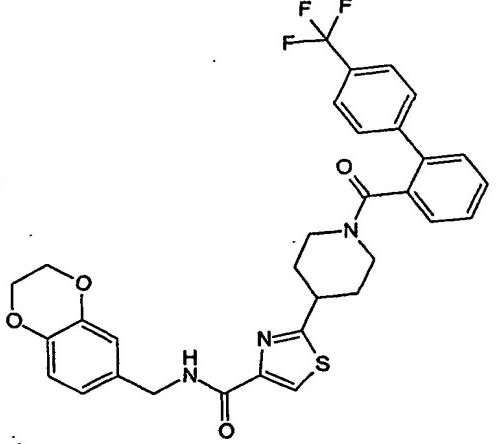
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No.	FORMULA	NMR or mass
79	 <p>1-(2-phenylpropyl)-4-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperazine</p>	
80	 <p>N-1,3-thiazol-2-yl-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

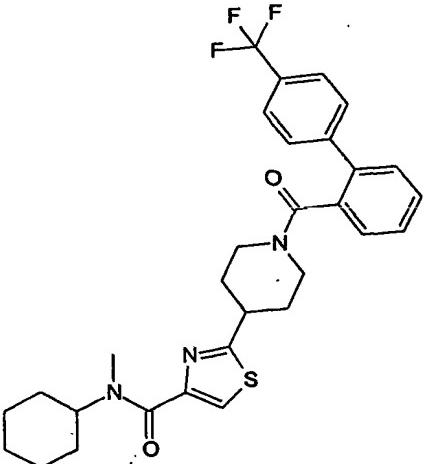
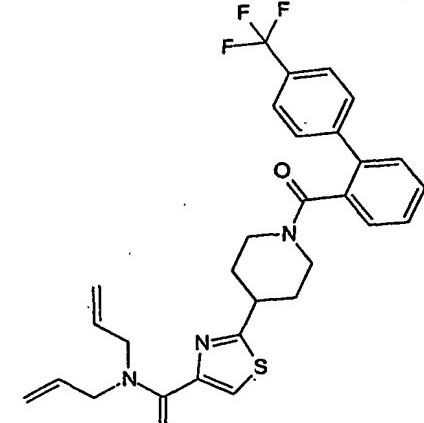
No.	FORMULA	NMR or mass
81	 <p>N-1,3-benzothiazol-2-yl-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
82	 <p>N-(3-morpholin-4-ylpropyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
83	 <p>N-methyl-N-(pyridin-3-ylmethyl)-2-(1-[(4'-(trifluoromethyl)biphenyl-2-yl)carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
84	 <p>N-methyl-N-(2-pyridin-2-ylethyl)-2-(1-[(4'-(trifluoromethyl)biphenyl-2-yl)carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

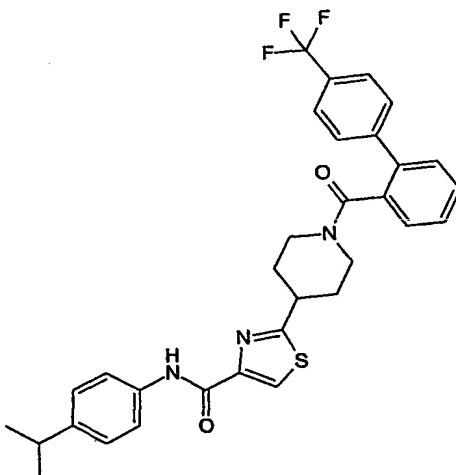
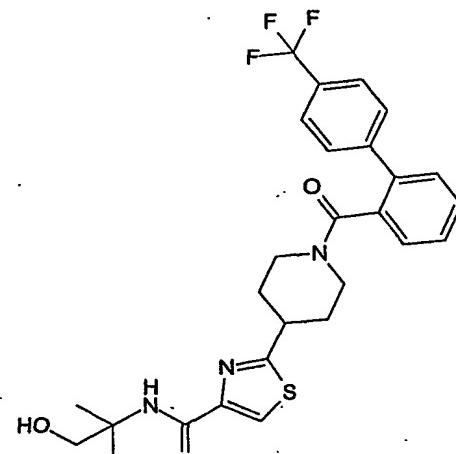
No.	FORMULA	NMR or mass
85	 <p>N-(tert-butyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
86	 <p>N-(3-methoxypropyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

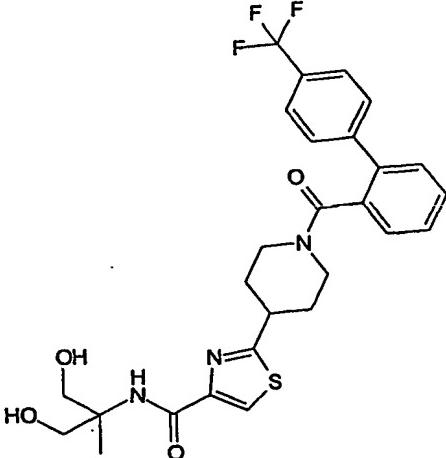
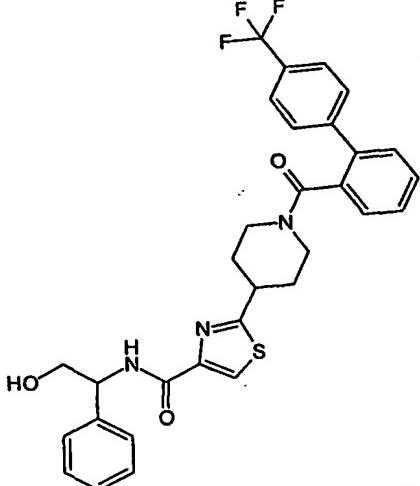
No.	FORMULA	NMR or mass
87	 <p>N-[3-(diethylamino)propyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
88	 <p>N-(2,3-dihydro-1,4-benzodioxin-6-ylmethyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

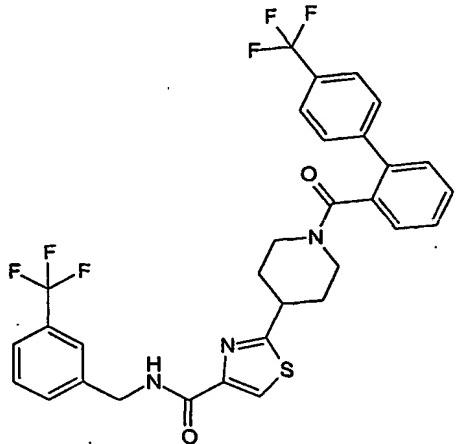
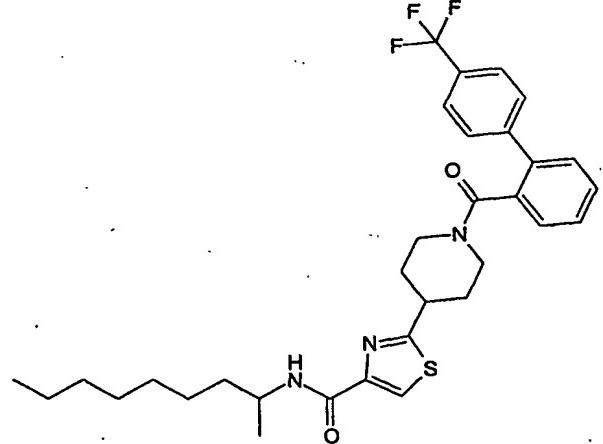
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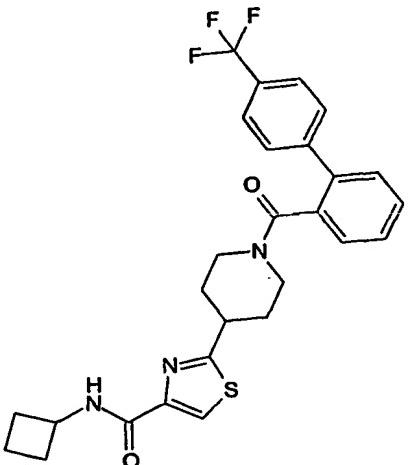
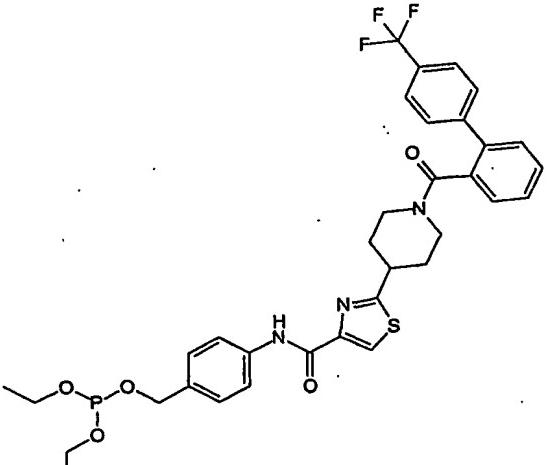
No.	FORMULA	NMR or mass
89	 <p>N-cyclohexyl-N-methyl-2-(1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)-1,3-thiazole-4-yl)-1-piperidin-4-carboxamide</p>	
90	 <p>N,N-diallyl-2-(1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)-1,3-thiazole-4-yl)-1-piperidin-4-carboxamide</p>	

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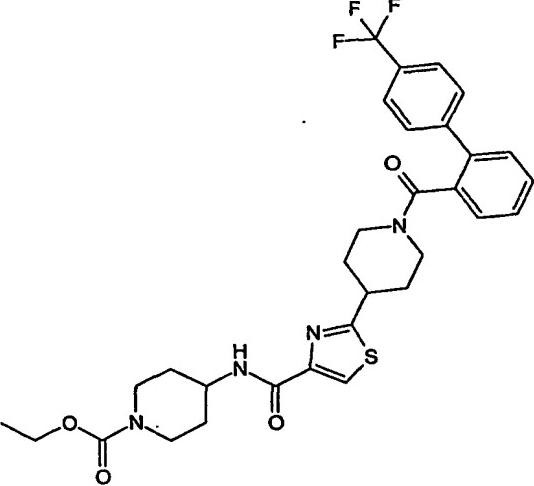
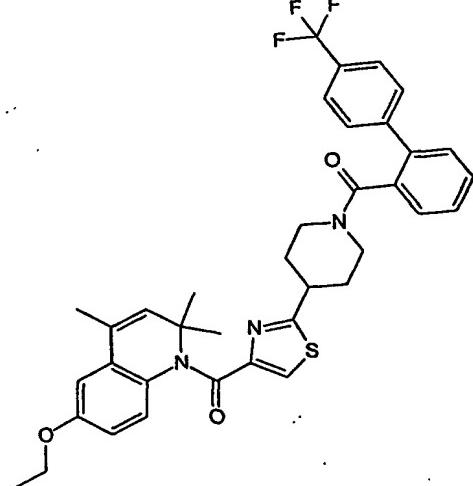
No.	FORMULA	NMR or mass
91	 <p>N-(4-isopropylphenyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
92	 <p>N-(2-hydroxy-1,1-dimethylethyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
93	 <p>N-[2-hydroxy-1-(hydroxymethyl)-1-methylethyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
94	 <p>N-(2-hydroxy-1-phenylethyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

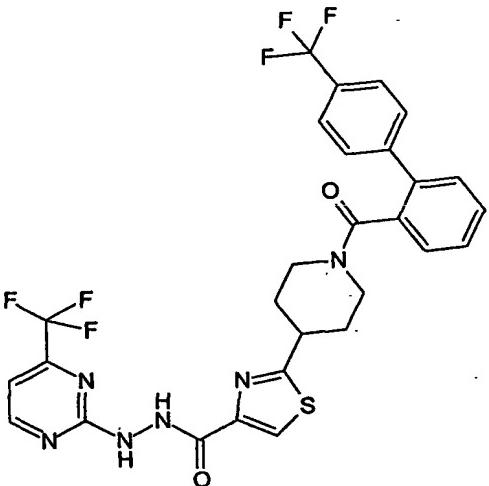
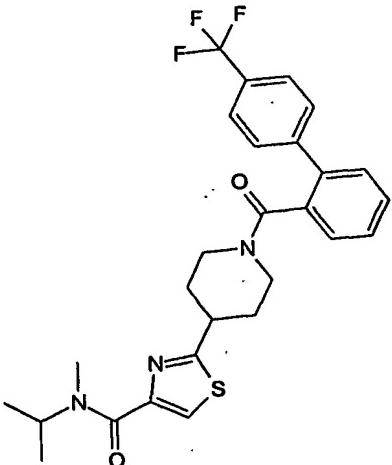
No.	FORMULA	NMR or mass
95	 <p>N-[3-(trifluoromethyl)benzyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
96	 <p>N-(1-methyloctyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

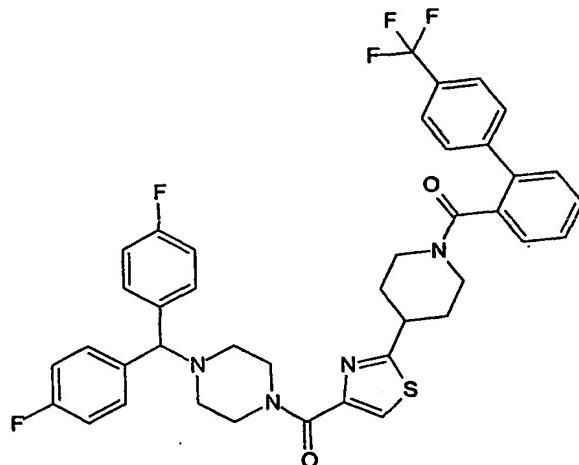
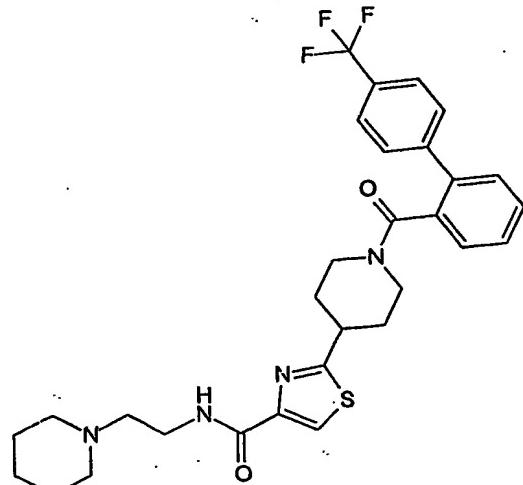
No.	FORMULA	NMR or mass
97	 <p>N-cyclobutyl-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
98	 <p>diethyl 4-({[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}amino)benzyl phosphite</p>	

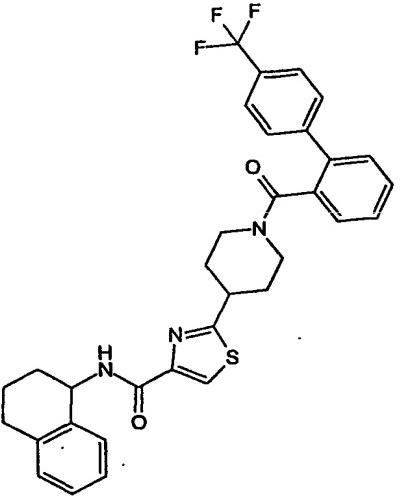
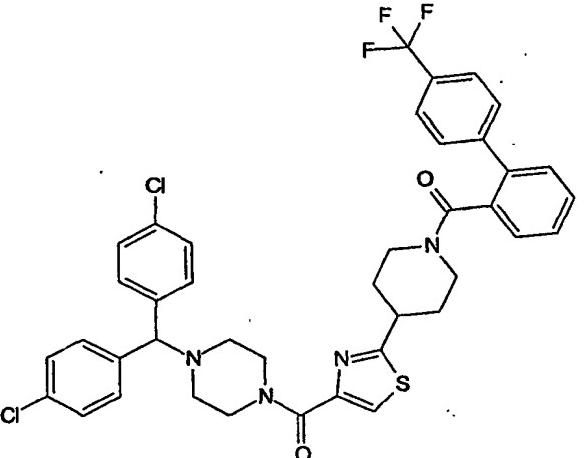
- 73 -

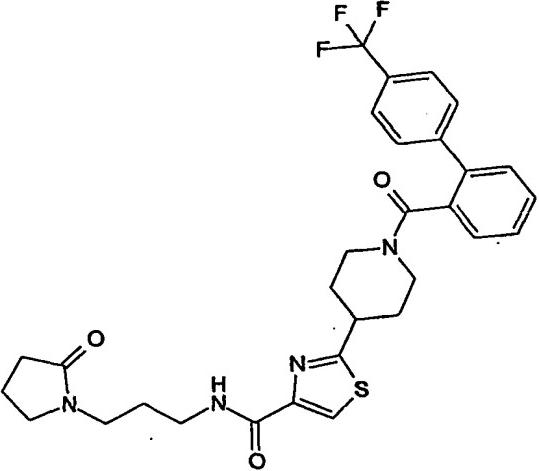
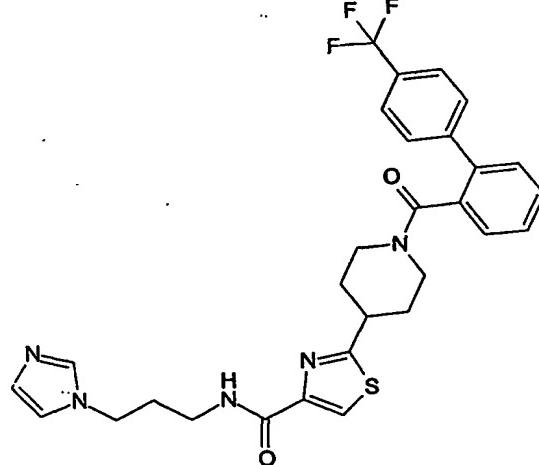
No.	FORMULA	NMR or mass
99	 <p>ethyl 4-({[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}amino)piperidine-1-carboxylate</p>	
100	 <p>6-ethoxy-2,2,4-trimethyl-1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-1,2-dihydroquinoline</p>	

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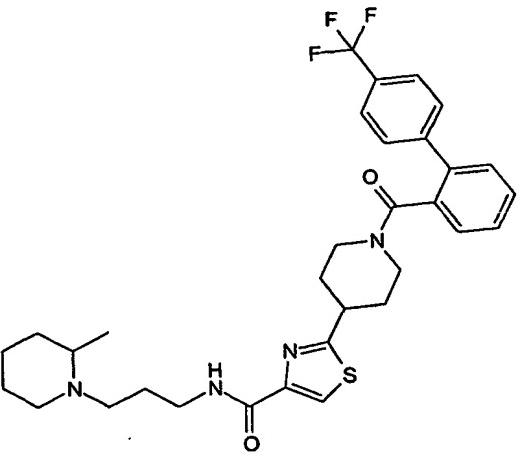
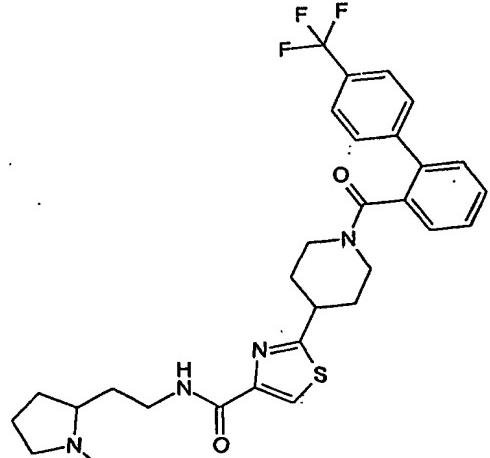
No.	FORMULA	NMR or mass
101	 <p>2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-N'-[4-(trifluoromethyl)pyrimidin-2-yl]-1,3-thiazole-4-carbohydrazide</p>	
102	 <p>N-isopropyl-N-methyl-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
103	 <p>1-[bis(4-fluorophenyl)methyl]-4-{[2-(1-[(4'-trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl}piperazine</p>	
104	 <p>N-(2-piperidin-1-ylethyl)-2-(1-[(4'-trifluoromethyl)biphenyl-2-yl]carbonyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

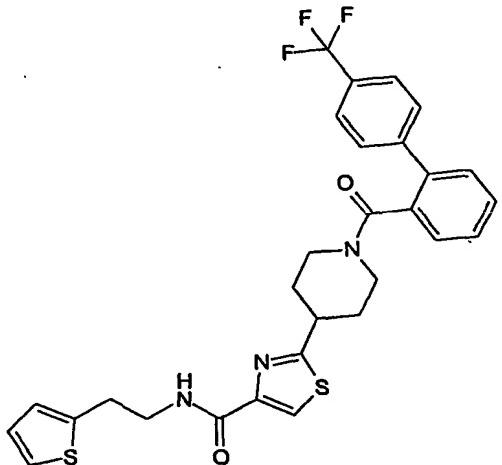
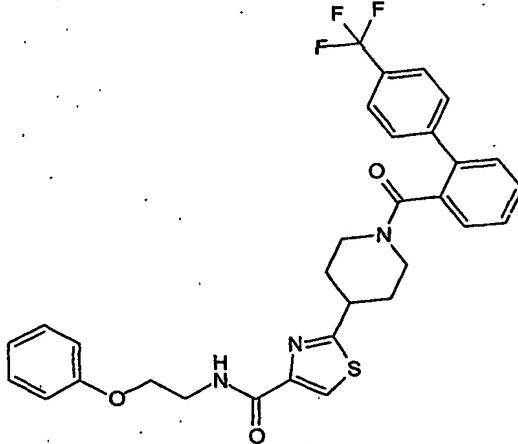
No.	FORMULA	NMR or mass
105	 <p>N-(1,2,3,4-tetrahydronaphthalen-1-yl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
106	 <p>1-[bis(4-chlorophenyl)methyl]-4-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperazine</p>	

No.	FORMULA	NMR or mass
107	 <p>N-[3-(2-oxopyrrolidin-1-yl)propyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
108	 <p>N-[3-(1H-imidazol-1-yl)propyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

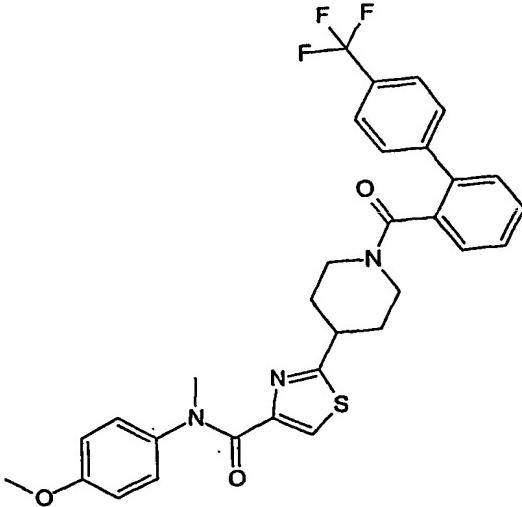
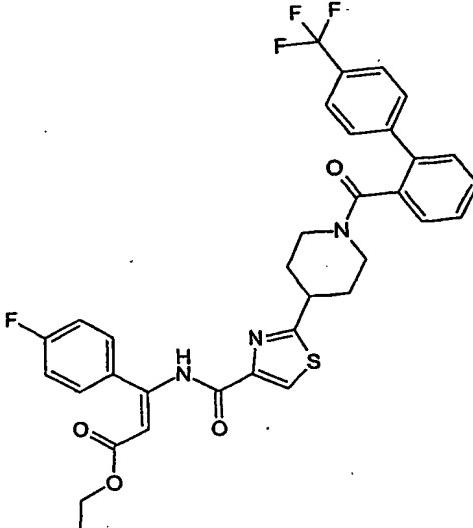
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No.	FORMULA	NMR or mass
109	 <p>N-[3-(2-methylpiperidin-1-yl)propyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
110	 <p>N-[2-(1-methylpyrrolidin-2-yl)ethyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

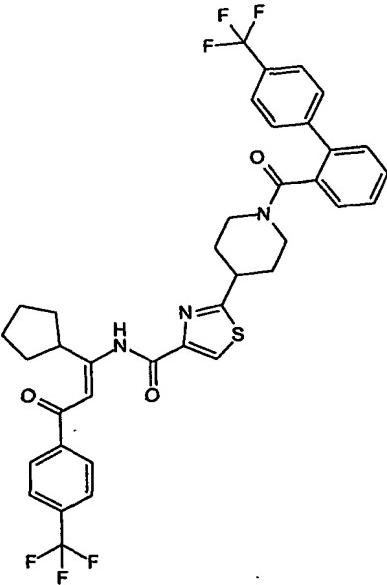
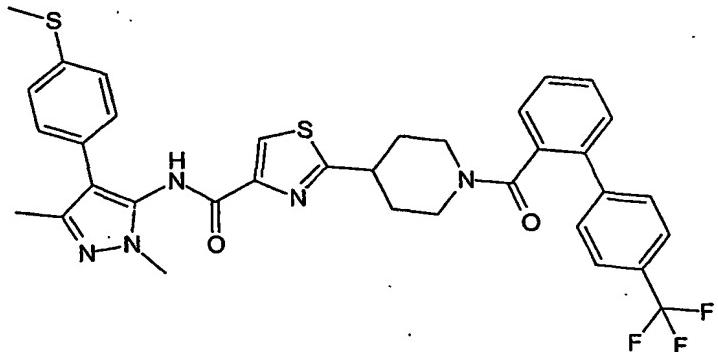
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No.	FORMULA	NMR or mass
111	 <p>N-[2-(2-thienyl)ethyl]-2-(1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
112	 <p>N-(2-phenoxyethyl)-2-(1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

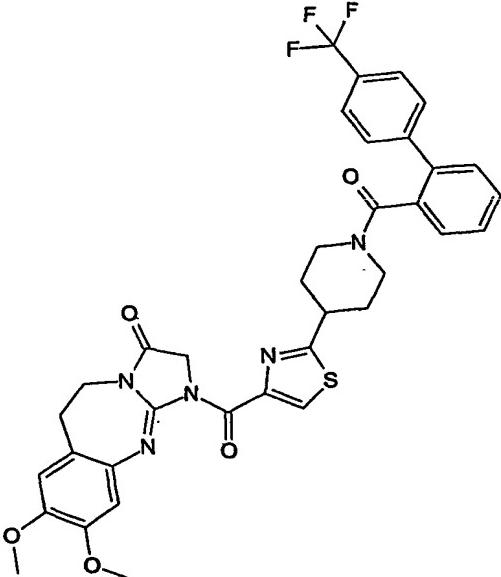
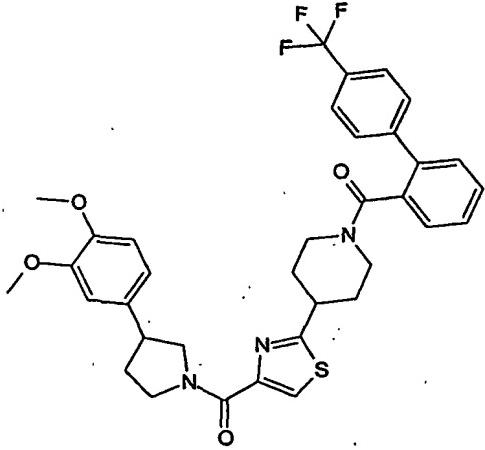
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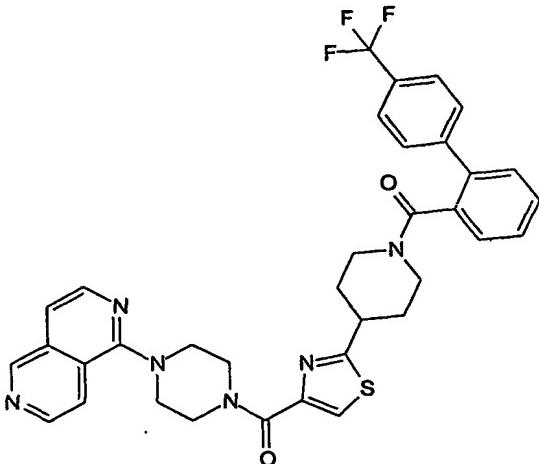
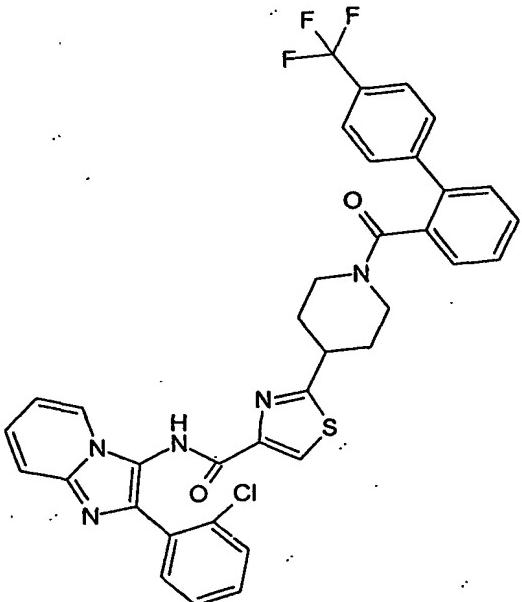
No.	FORMULA	NMR or mass
113	 <p>N-(4-methoxyphenyl)-N-methyl-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
114	 <p>ethyl (2E)-3-(4-fluorophenyl)-3-({[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}amino)acrylate</p>	

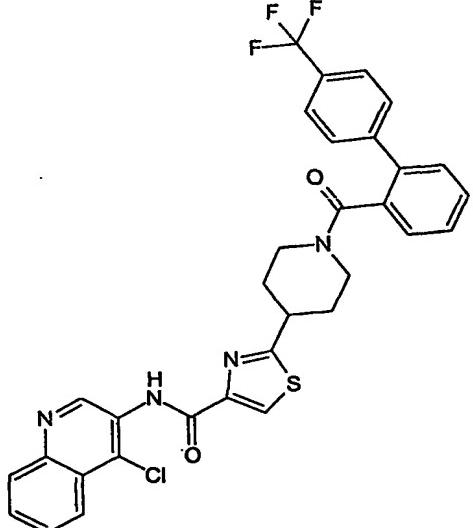
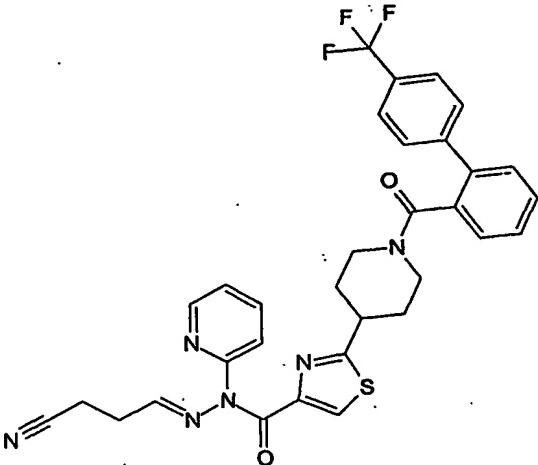
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No.	FORMULA	NMR or mass
115	 <p>N-((1E)-1-cyclopentyl-3-oxo-3-[4-(trifluoromethyl)phenyl]prop-1-en-1-yl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
116	 <p>N-(1,3-dimethyl-4-[4-(methylthio)phenyl]-1H-pyrazol-5-yl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

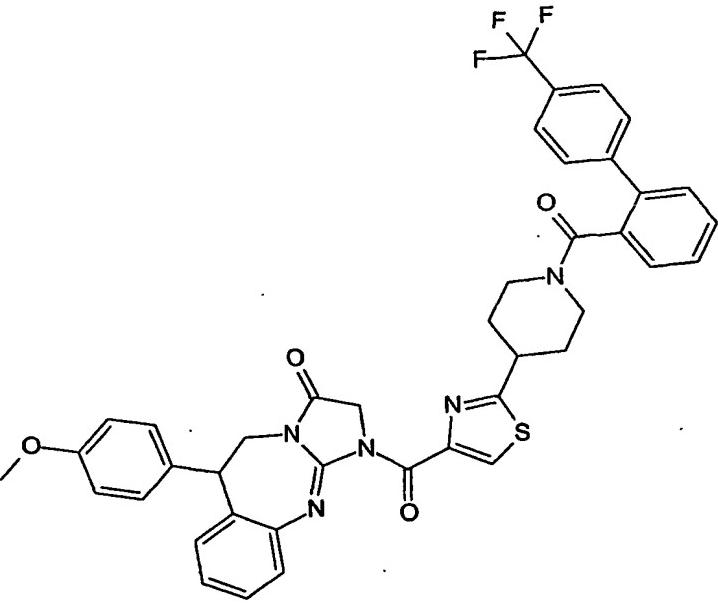
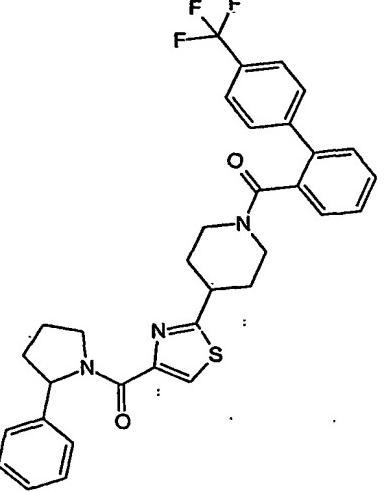
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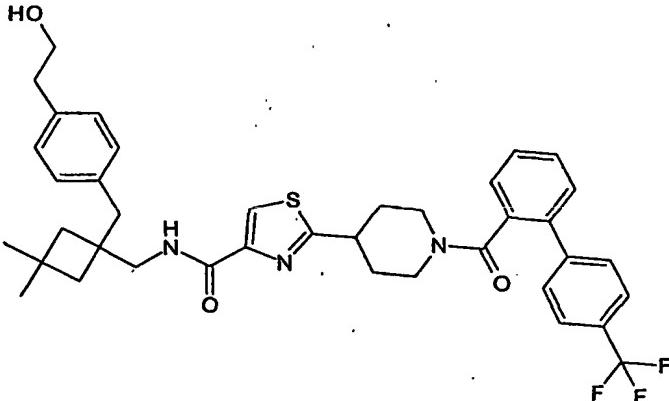
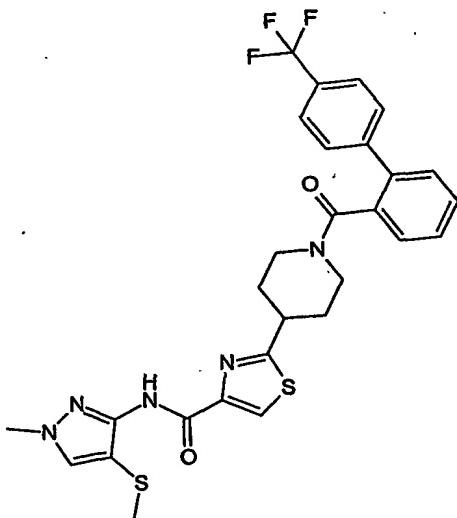
No.	FORMULA	NMR or mass
117	 <p>8,9-dimethoxy-1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-1,2,5,6-tetrahydro-3H-imidazo[2,1-b][1,3]-benzodiazepin-3-one</p>	
118	 <p>4-(4-{{[3-(3,4-dimethoxyphenyl)pyrrolidin-1-yl]carbonyl}-1,3-thiazol-2-yl)-1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidine</p>	

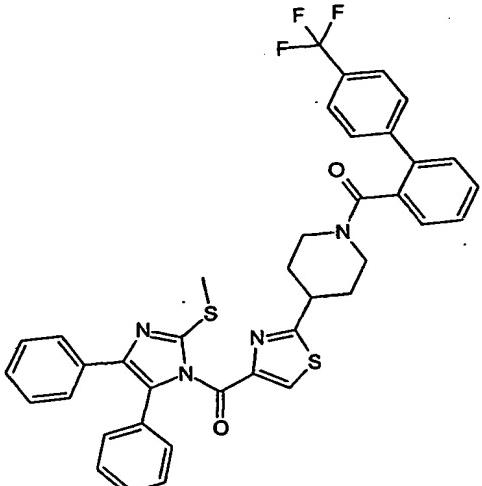
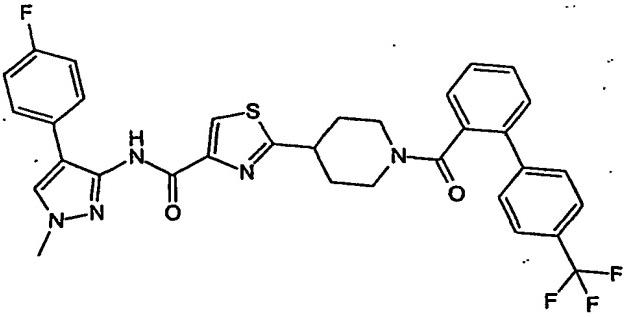
No.	FORMULA	NMR or mass
119	 <p>1-(4-{{2-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperazin-1-yl)-1,3-thiazol-4-yl}carbonyl}-2,6-naphthyridine</p>	
120	 <p>N-[2-(2-chlorophenyl)imidazo[1,2-a]pyridin-3-yl]-2-(4-(trifluoromethyl)biphenyl-2-yl carbonyl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
121	 <p>N-(4-chloroquinolin-3-yl)-2-(1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
122	 <p>N'-((1E)-3-cyanopropylidene)-N-pyridin-2-yl-2-(1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazole-4-carbohydrazide</p>	

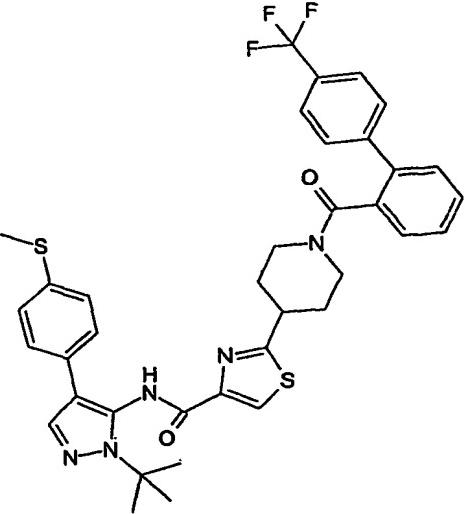
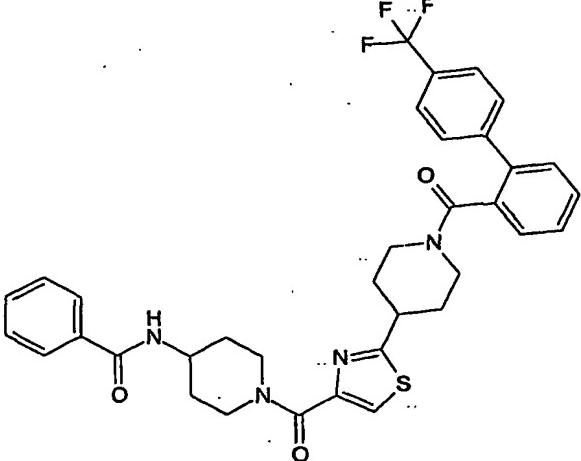
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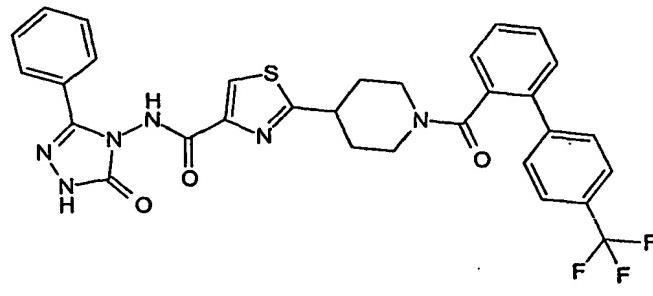
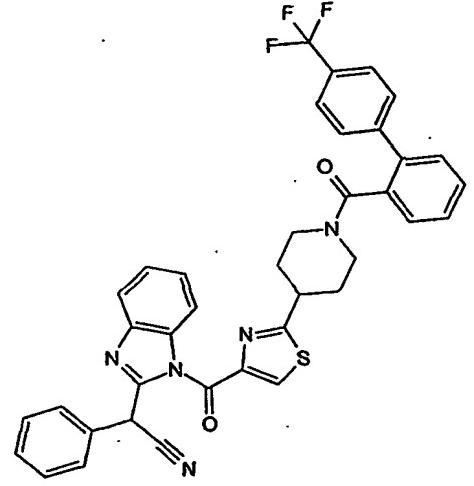
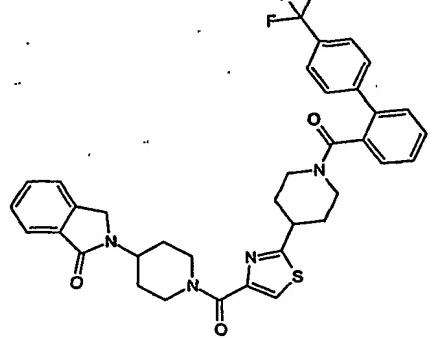
No.	FORMULA	NMR or mass
123	 <p>6-(4-methoxyphenyl)-1-{[2-(1-({[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl})piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-1,2,5,6-tetrahydro-3H-imidazo[2,1-b][1,3]benzodiazepin-3-one</p>	
124	 <p>4-{[4-[(2-phenylpyrrolidin-1-yl)carbonyl]-1,3-thiazol-2-yl}-1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidine</p>	

No.	FORMULA	NMR or mass
125	 <p>N-((1-[4-(2-hydroxyethyl)benzyl]-3,3-dimethylcyclobutyl)methyl)-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
126	 <p>N-[1-methyl-4-(methylthio)-1H-pyrazol-3-yl]-2-(1-([4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

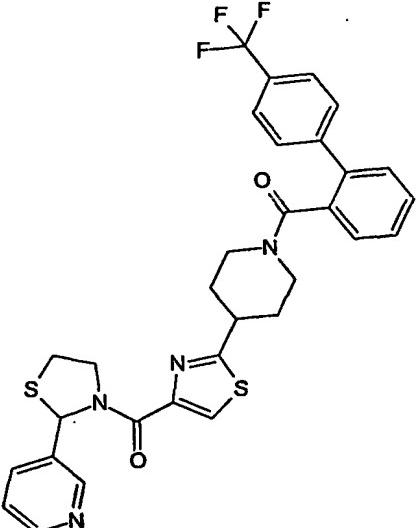
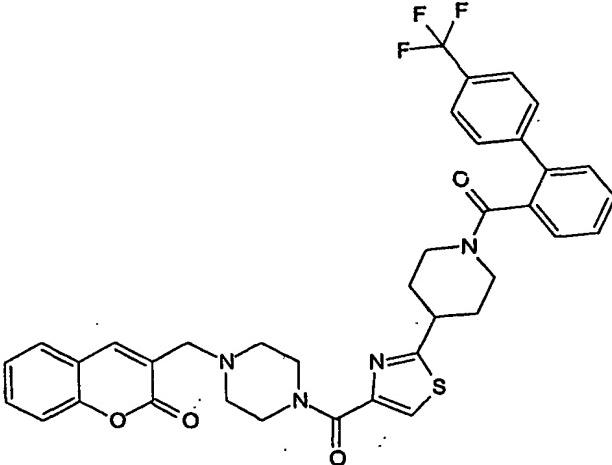
No.	FORMULA	NMR or mass
127	 <p>4-(4-{[2-(methylthio)-4,5-diphenyl-1H-imidazol-1-yl]carbonyl}-1,3-thiazol-2-yl)-1-[{4'-(trifluoromethyl)biphenyl-2-yl}carbonyl]piperidine</p>	
128		

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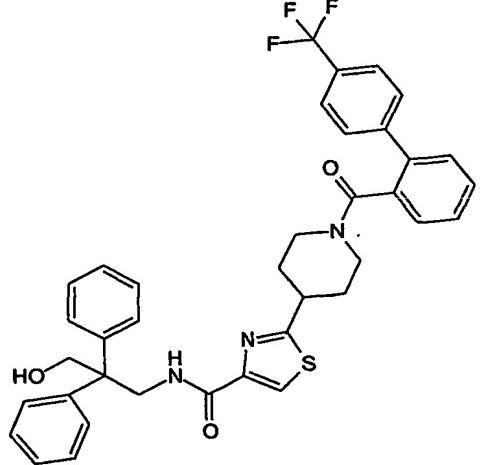
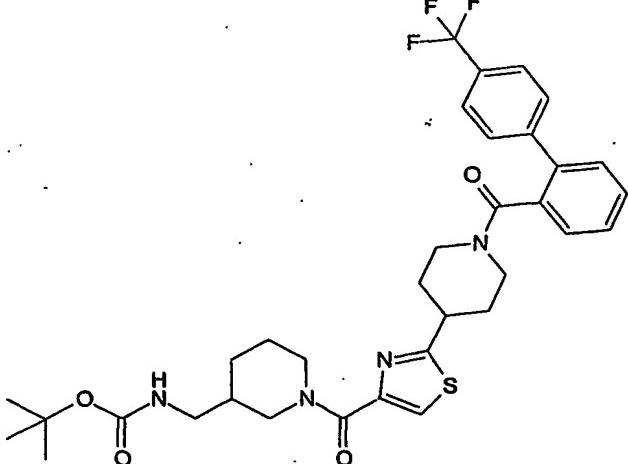
No.	FORMULA	NMR or mass
129	 <p>N-{1-tert-butyl-4-[4-(methylthio)phenyl]-1H-pyrazol-5-yl}-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
130	 <p>N-(1-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperidin-4-yl)benzamide</p>	

No.	FORMULA	NMR or mass
131		
132	 <p data-bbox="285 1288 1232 1383">phenyl(1-{{2-(1-{{4'-(trifluoromethyl)biphenyl-2-yl}carbonyl}piperidin-4-yl}-1,3-thiazol-4-yl}carbonyl)-1H-benzimidazol-2-yl)acetonitrile</p>	
133	 <p data-bbox="285 1795 1232 1869">2-({2-(1-{{4'-(trifluoromethyl)biphenyl-2-yl}carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl}carbonyl)piperidin-4-yl)isoindolin-1-one</p>	

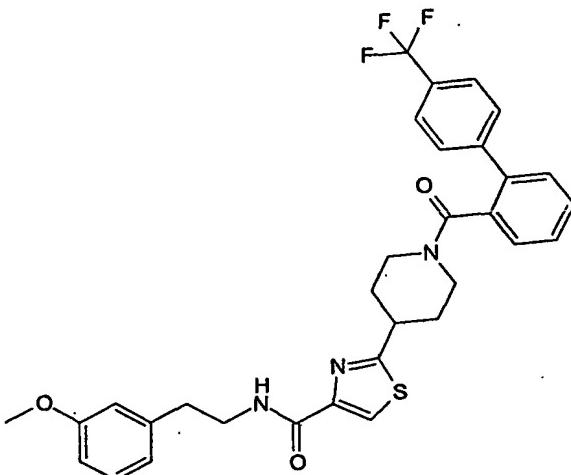
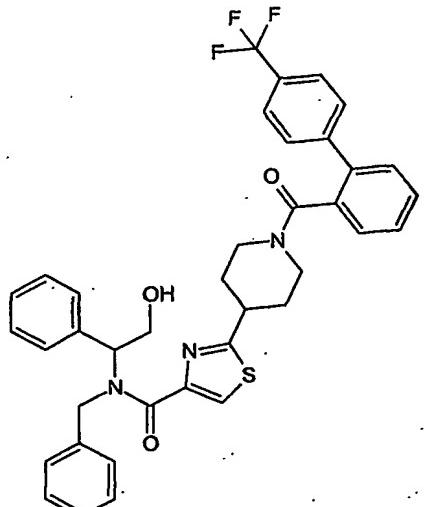
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No.	FORMULA	NMR or mass
134	 <p>3-(3-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-1,3-thiazolidin-2-yl)pyridine</p>	
135	 <p>3-[(4-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperazin-1-yl)methyl]-2H-chromen-2-one</p>	

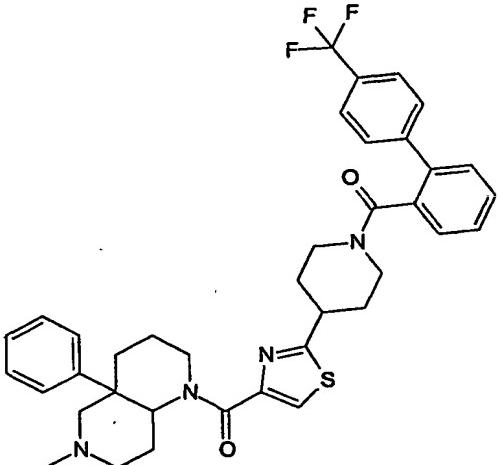
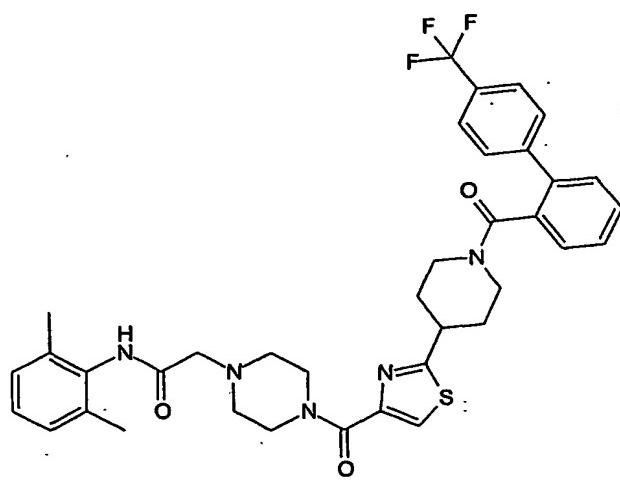
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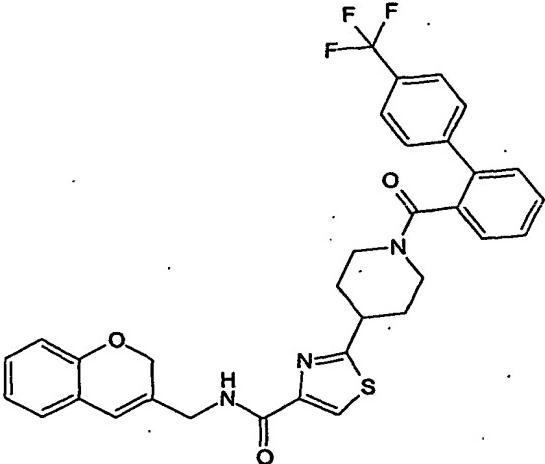
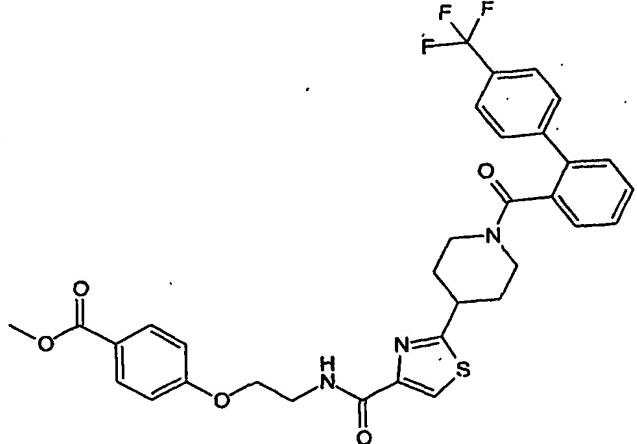
No.	FORMULA	NMR or mass
136	 <p>N-(3-hydroxy-2,2-diphenylpropyl)-2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl-1,3-thiazole-4-carboxamide</p>	
137	 <p>tert-butyl [(1-{[2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl]carbonyl}piperidin-3-yl)methyl]carbamate</p>	

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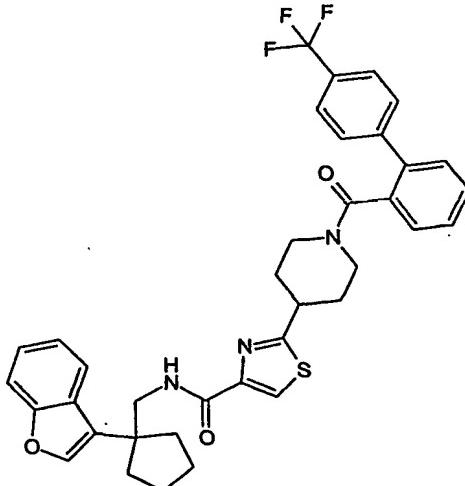
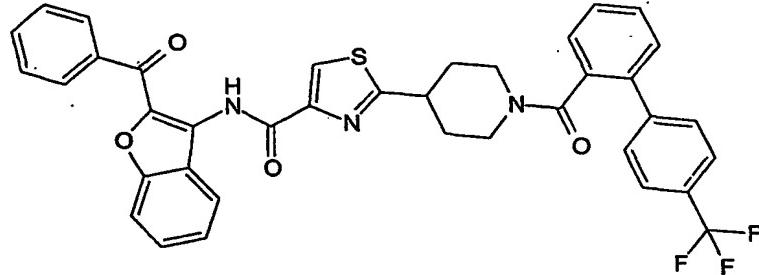
No.	FORMULA	NMR or mass
138	 <p>N-[2-(3-methoxyphenyl)ethyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
139	 <p>N-benzyl-N-(2-hydroxy-1-phenylethyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

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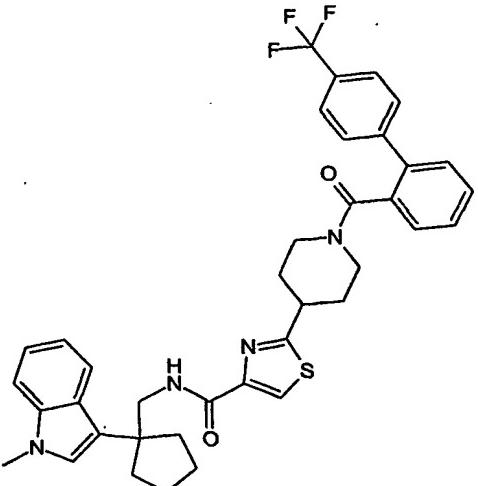
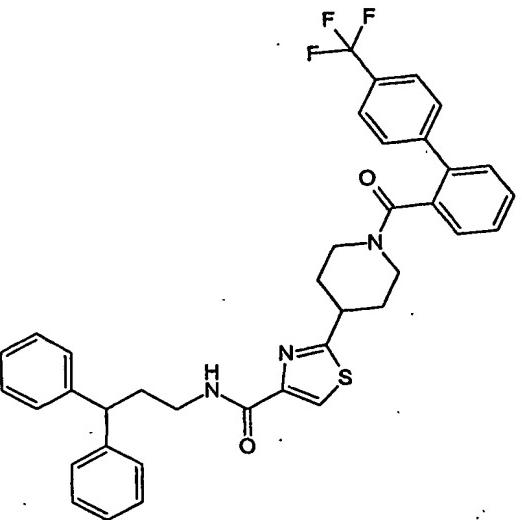
No.	FORMULA	NMR or mass
140	 <p>6-methyl-4a-phenyl-1-[(2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazol-4-yl)carbonyl]decahydro-1,6-naphthyridine</p>	
141	 <p>N-(2,6-dimethylphenyl)-2-(4-[(2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazin-1-yl)acetamide</p>	

No.	FORMULA	NMR or mass
142	 <p>N-(2H-chromen-3-ylmethyl)-2-{1-[(4'-(trifluoromethyl)biphenyl-2-yl)carbonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
143	 <p>methyl 4-[2-({2-[(4'-(trifluoromethyl)biphenyl-2-yl)carbonyl]piperidin-4-yl}amino)ethoxy]benzoate</p>	

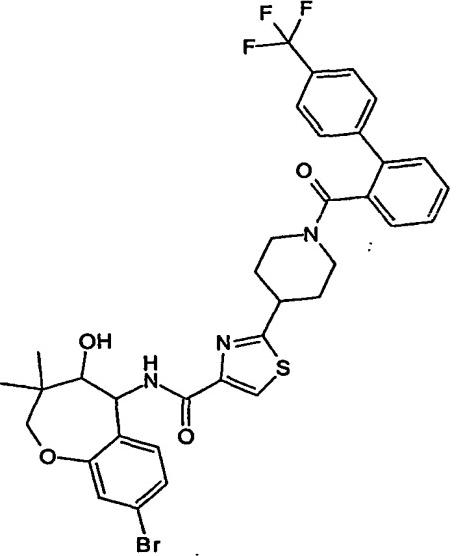
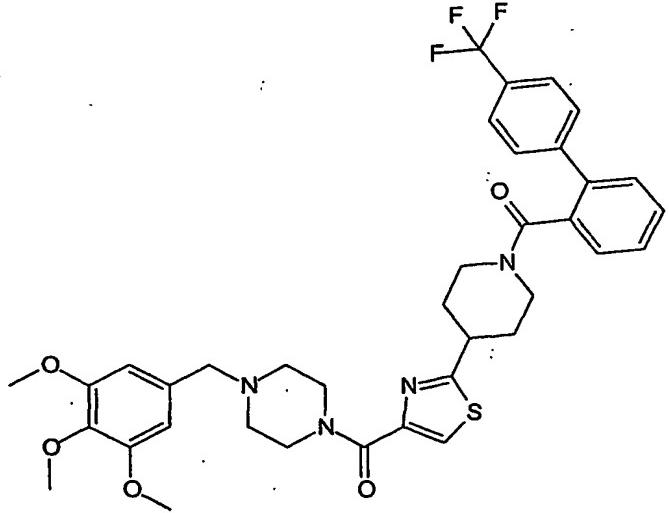
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No.	FORMULA	NMR or mass
144	 <p>N-[(1-(1-benzofuran-3-yl)cyclopentyl)methyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
145		

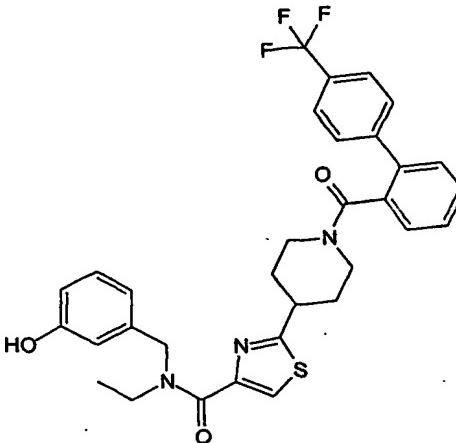
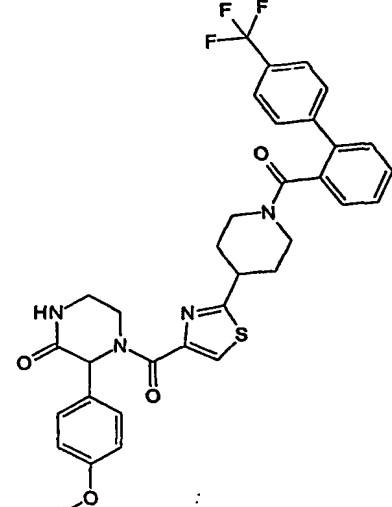
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No.	FORMULA	NMR or mass
146	 <p>N-((1-(1-methyl-1H-indol-3-yl)cyclopentyl)methyl)-2-(1-((4'-trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
147	 <p>N-(3,3-diphenylpropyl)-2-(1-((4'-trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

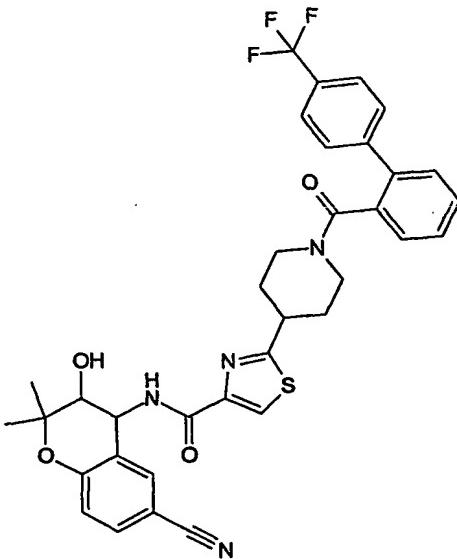
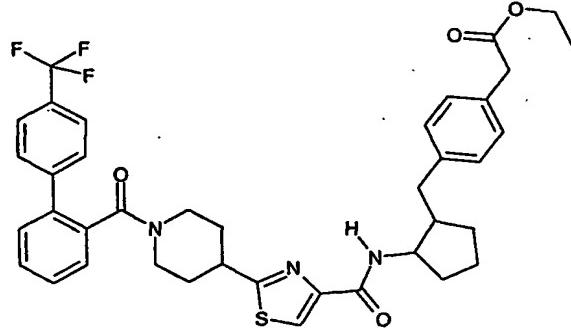
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No.	FORMULA	NMR or mass
148	 <p>N-(8-bromo-4-hydroxy-3,3-dimethyl-2,3,4,5-tetrahydro-1-benzoxepin-5-yl)-2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
149	 <p>1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-4-(3,4,5-trimethoxybenzyl)piperazine</p>	

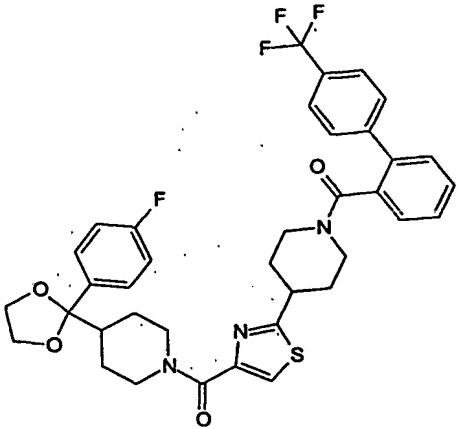
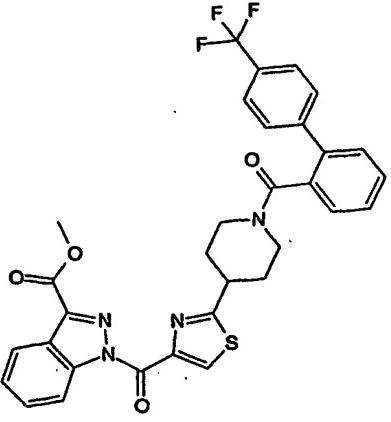
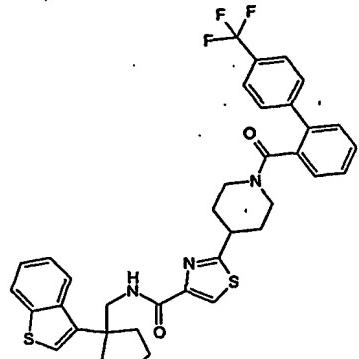
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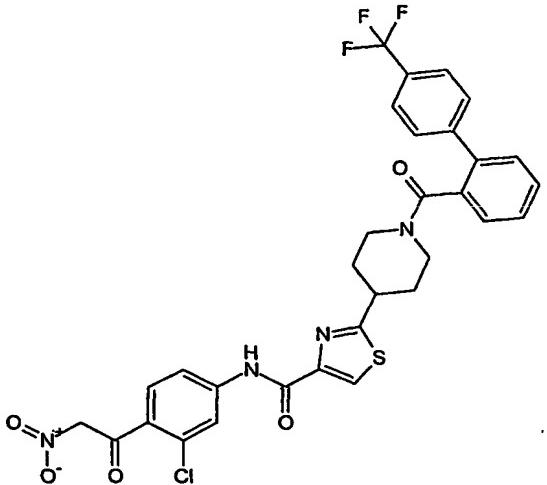
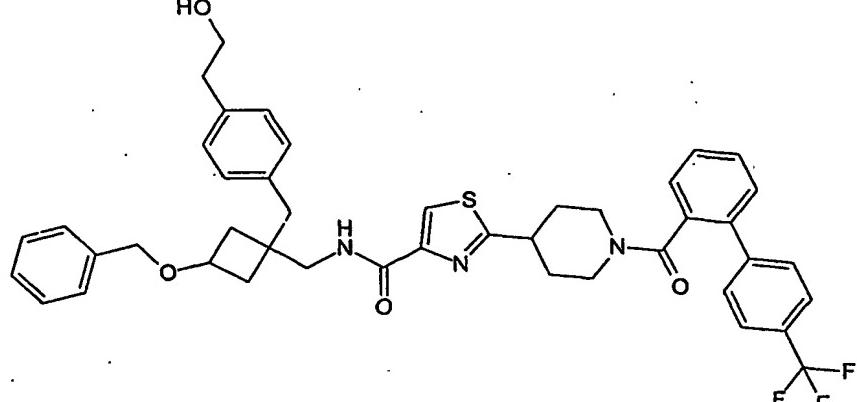
No.	FORMULA	NMR or mass
150	 <p>N-ethyl-N-(3-hydroxybenzyl)-2-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl-1,3-thiazole-4-carboxamide</p>	
151	 <p>3-(4-methoxyphenyl)-4-{[2-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl]-1,3-thiazol-4-yl]carbonyl)piperazin-2-one</p>	

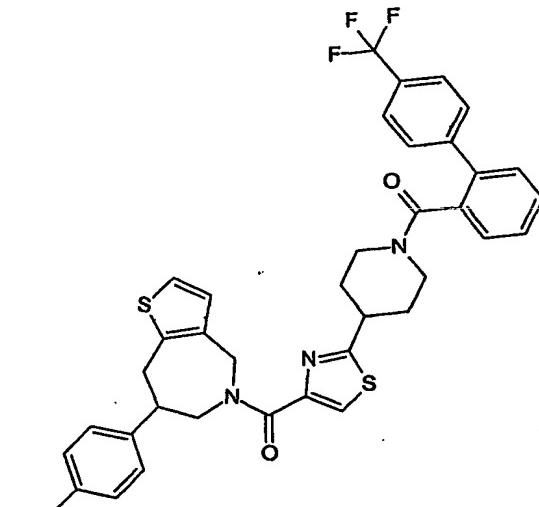
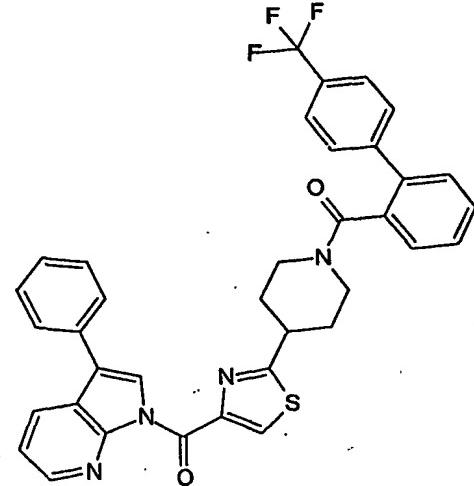
- 99 -

No.	FORMULA	NMR or mass
152	 <p>N-(6-cyano-3-hydroxy-2,2-dimethyl-3,4-dihydro-2H-chromen-4-yl)-2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
153		

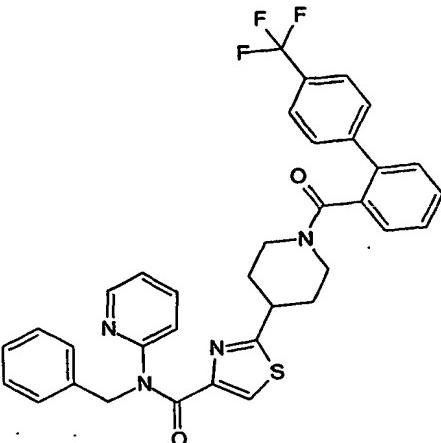
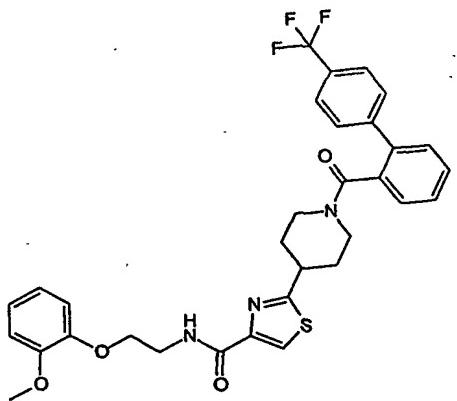
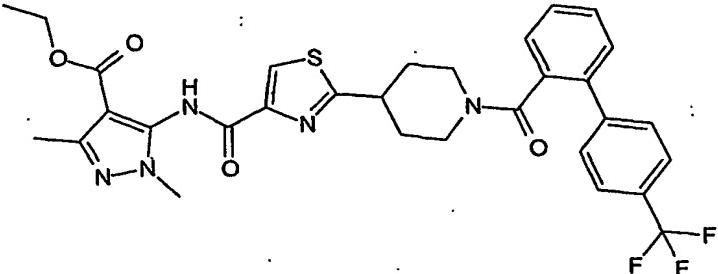
- 100 -

No.	FORMULA	NMR or mass
154		
155	 <p data-bbox="290 1298 1237 1368">methyl 1-{[2-(1-[(4'-{(trifluoromethyl)biphenyl-2-yl}carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl]carbonyl}-1H-indazole-3-carboxylate</p>	
156	 <p data-bbox="290 1805 1237 1875">N-[(1-(1-benzothien-3-yl)cyclopentyl)methyl]-2-(1-[(4'-{(trifluoromethyl)biphenyl-2-yl}carbonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

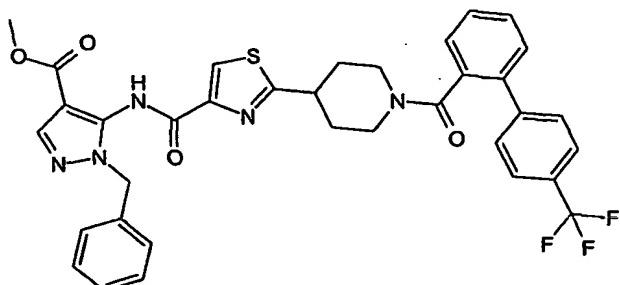
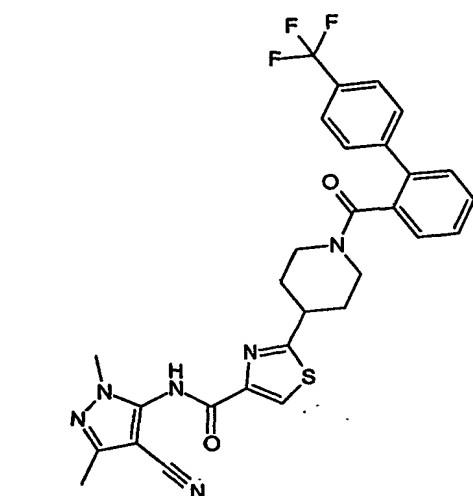
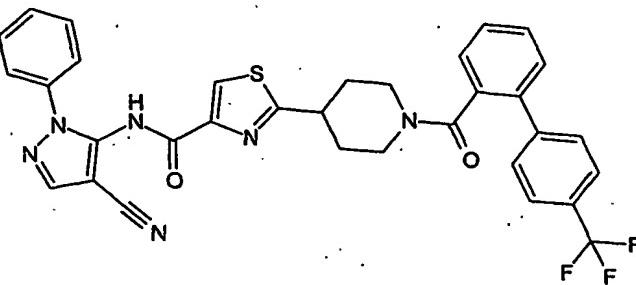
No.	FORMULA	NMR or mass
157	 <p>N-[3-chloro-4-(nitroacetyl)phenyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
158	 <p>N-{(3-(benzyloxy)-1-[4-(2-hydroxyethyl)benzyl]cyclobutyl)methyl}-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

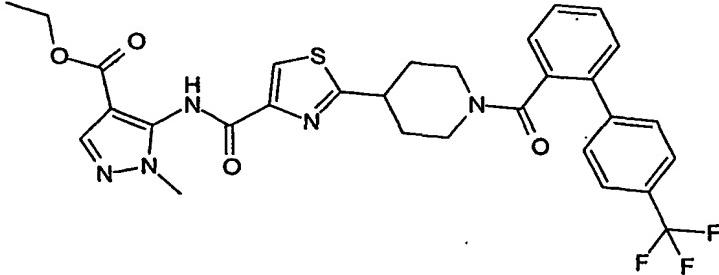
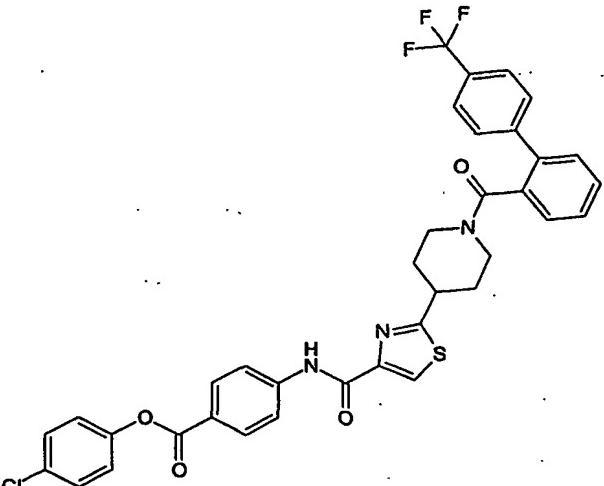
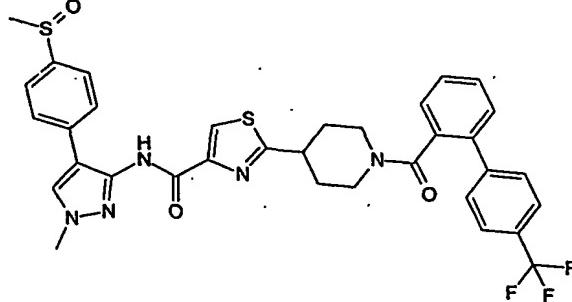
No.	FORMULA	NMR or mass
159	 <p>7-(4-methoxyphenyl)-5-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-5,6,7,8-tetrahydro-4H-thieno[3,2-c]azepine</p>	
160	 <p>3-phenyl-1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-1H-pyrrolo[2,3-b]pyridine</p>	

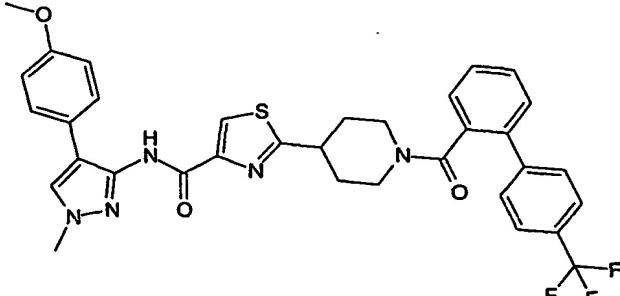
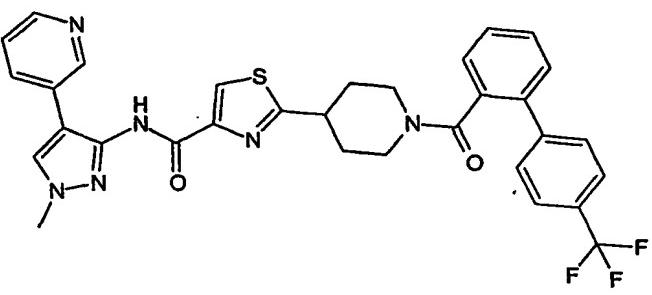
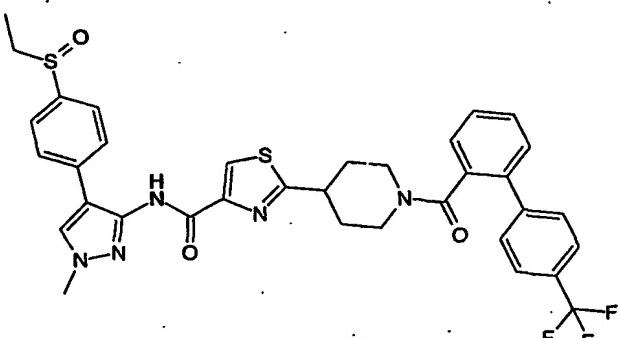
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No.	FORMULA	NMR or mass
161	 <p>N-benzyl-N-pyridin-2-yl-2-(1-[(4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
162	 <p>N-[2-(2-methoxyphenoxy)ethyl]-2-(1-[(4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
163		

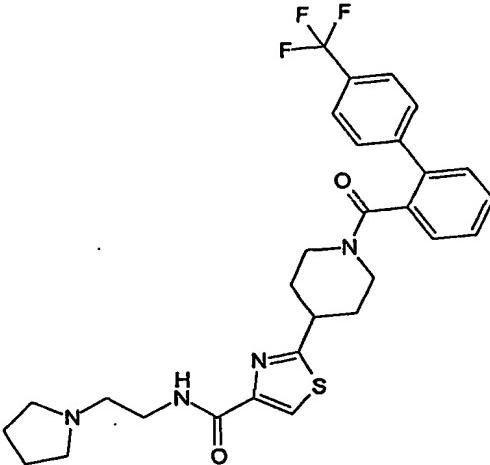
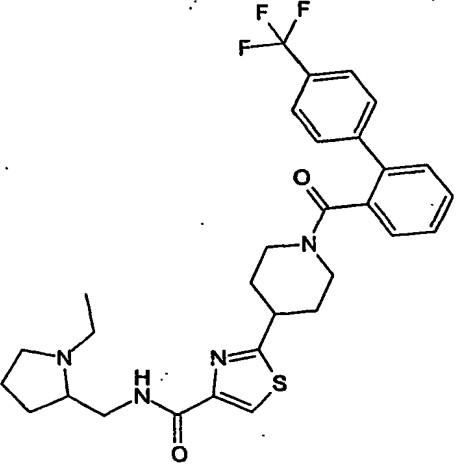
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No.	FORMULA	NMR or mass
164		
165	 <p>N-(4-cyano-1,3-dimethyl-1H-pyrazol-5-yl)-2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
166		

No.	FORMULA	NMR or mass
167		
168	 <p>4-chlorophenyl 4-((2-(1-((4'-trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl)carbonyl)benzoate</p>	
169	 <p>N-(1-methyl-4-(methylsulfinyl)phenyl)-1H-pyrazol-3-yl-2-(1-((4'-trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
170	 <p>N-[4-(4-methoxyphenyl)-1-methyl-1H-pyrazol-3-yl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
171		
172		

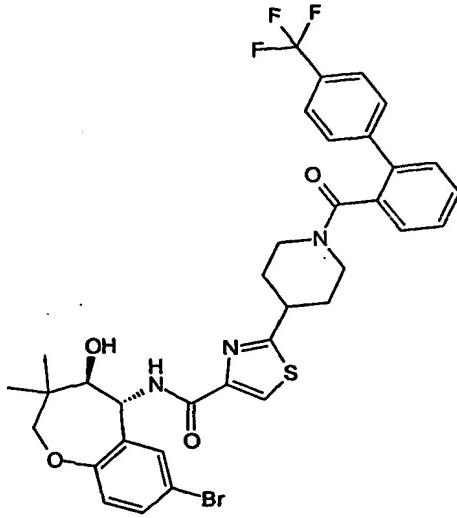
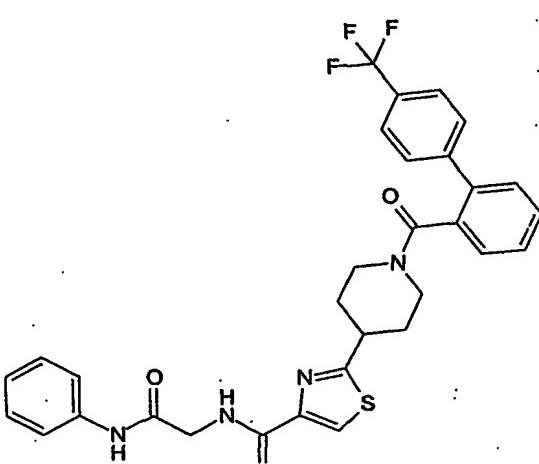
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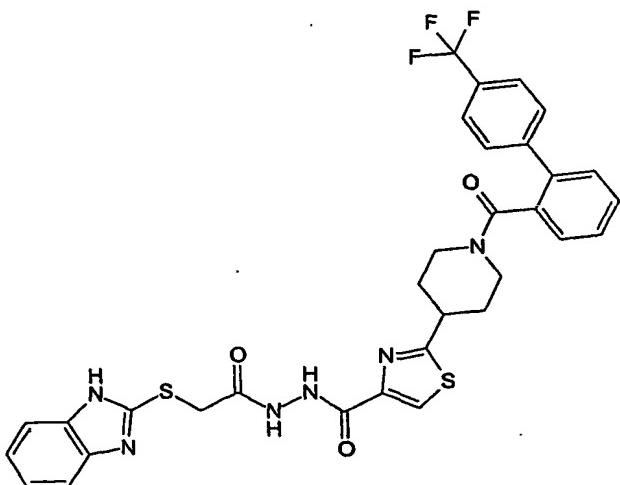
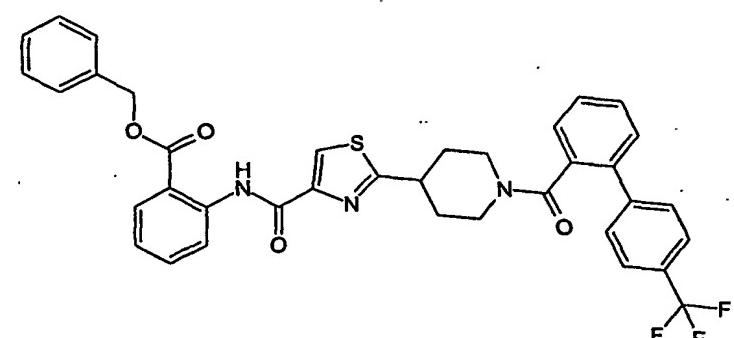
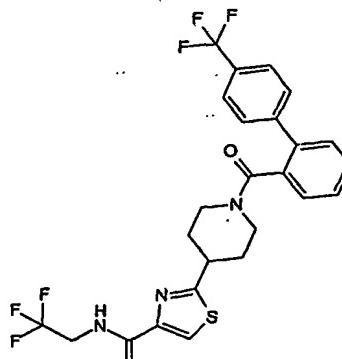
No.	FORMULA	NMR or mass
173	 <p>N-(2-pyrrolidin-1-ylethyl)-2-(1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
174	 <p>N-[(1-ethylpyrrolidin-2-yl)methyl]-2-(1-((4'-(trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

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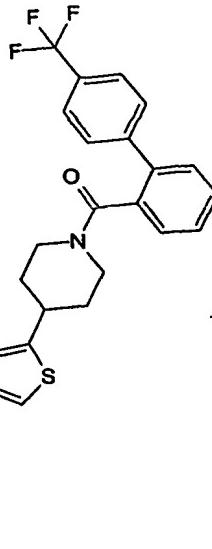
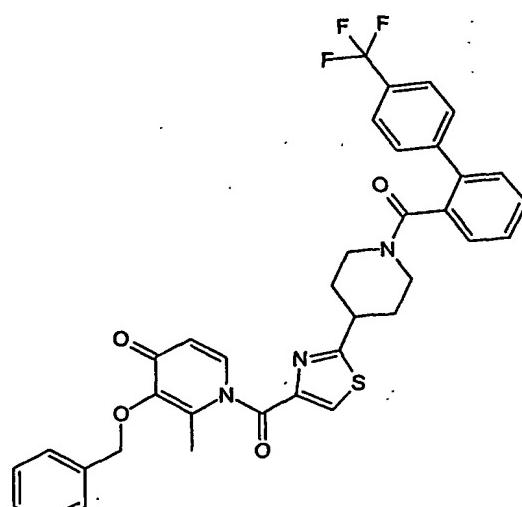
No.	FORMULA	NMR or mass
175	<p>CHIRAL</p> <p>N-[(3R)-1-benzylpyrrolidin-3-yl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
176	<p>N-[3-(4-methylpiperazin-1-yl)propyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

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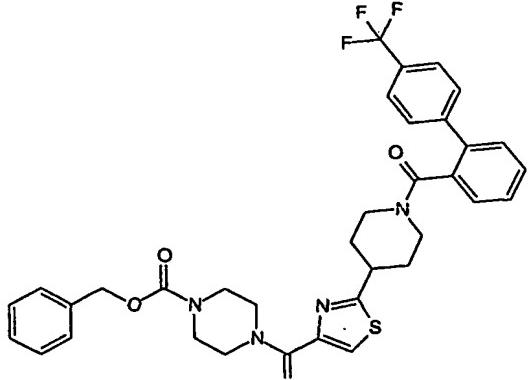
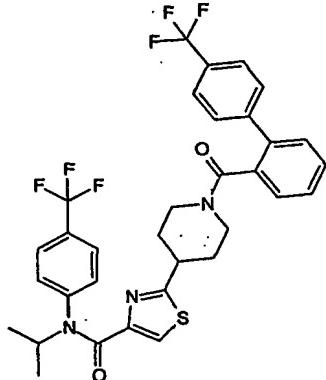
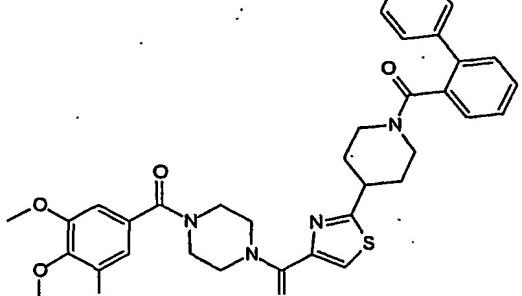
No.	FORMULA	NMR or mass
177	 <p>N-[(4R,5R)-7-bromo-4-hydroxy-3,3-dimethyl-2,3,4,5-tetrahydro-1-benzoxepin-5-yl]-2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl-1,3-thiazole-4-carboxamide</p>	
178		

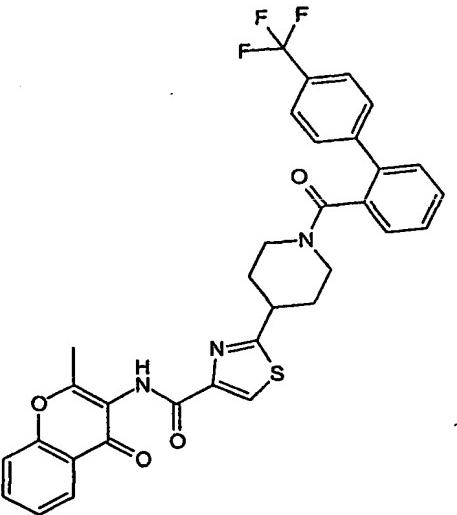
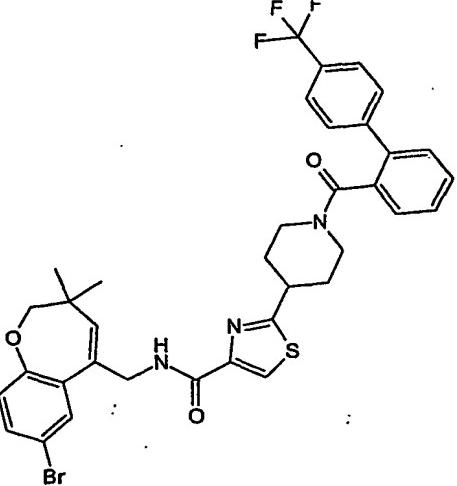
No.	FORMULA	NMR or mass
179	 <p>N'-(1H-benzimidazol-2-ylthio)acetyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carbohydrazide</p>	
180		
181	 <p>N-(2,2,2-trifluoroethyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

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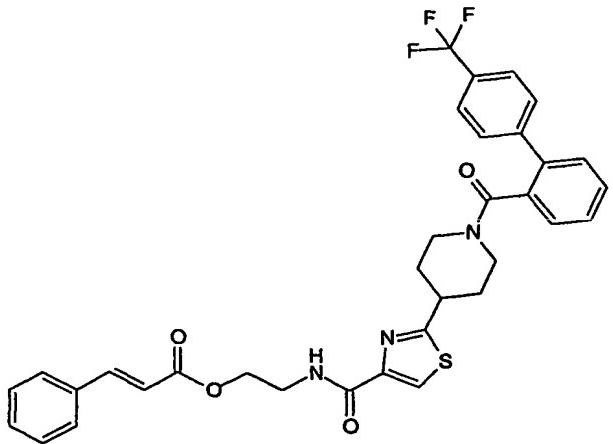
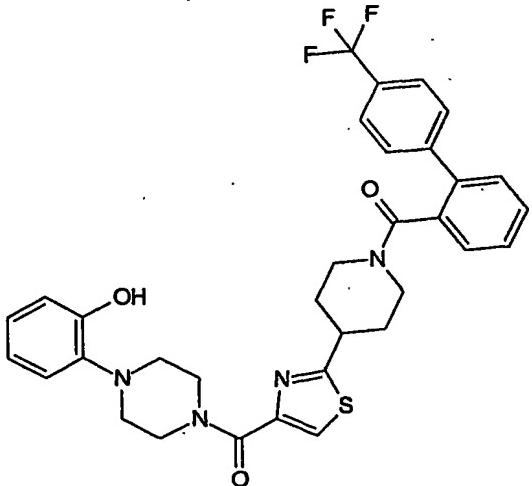
No.	FORMULA	NMR or mass
182	 <p>N-(2,2,3,3-tetrafluoro-2,3-dihydro-1,4-benzodioxin-5-yl)-2-(1-((4'-trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
183	 <p>3-(benzyloxy)-2-methyl-1-[(2-((4'-trifluoromethyl)biphenyl-2-yl)carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]pyridin-4(1H)-one</p>	

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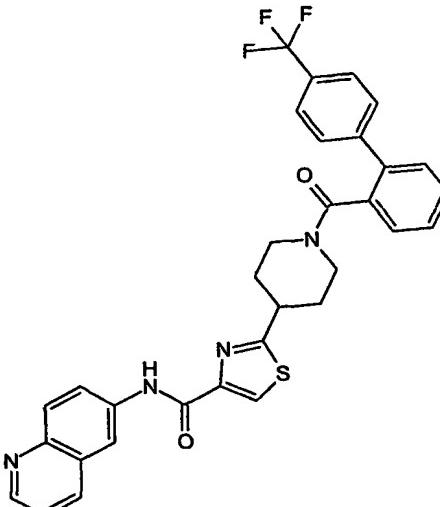
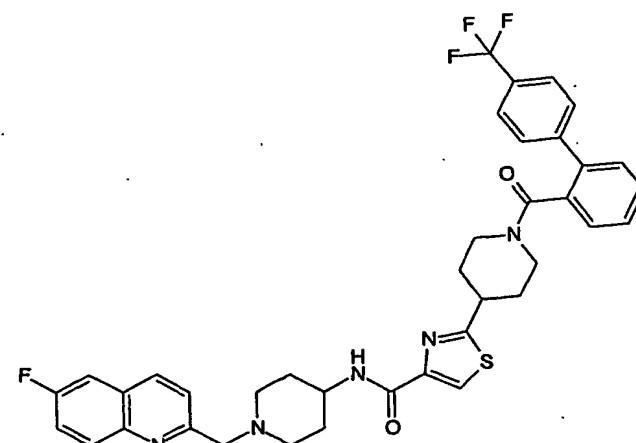
No.	FORMULA	NMR or mass
184	 <p>benzyl 4-{[2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl}carbonyl}piperazine-1-carboxylate</p>	
185	 <p>N-isopropyl-2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-N-[4-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
186		

No.	FORMULA	NMR or mass
187	 <p>N-(2-methyl-4-oxo-4H-chromen-3-yl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
188	 <p>N-[{(7-bromo-3,3-dimethyl-2,3-dihydro-1-benzoxepin-5-yl)methyl}-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

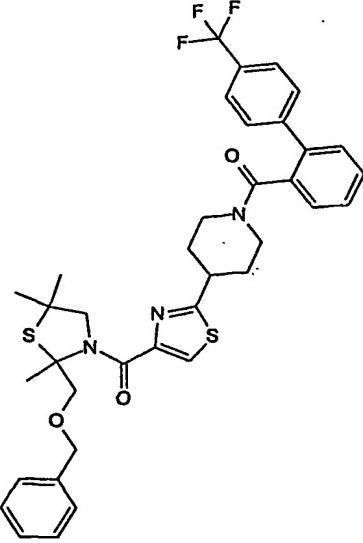
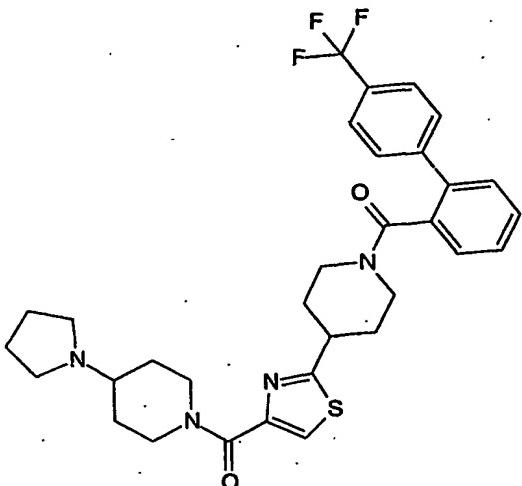
- 114 -

No.	FORMULA	NMR or mass
189	 <p>2-({[2-(1-({[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}amino)ethyl (2E)-3-phenylacrylate</p>	
190	 <p>2-(4-({[2-(1-({[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperazin-1-yl)phenol</p>	

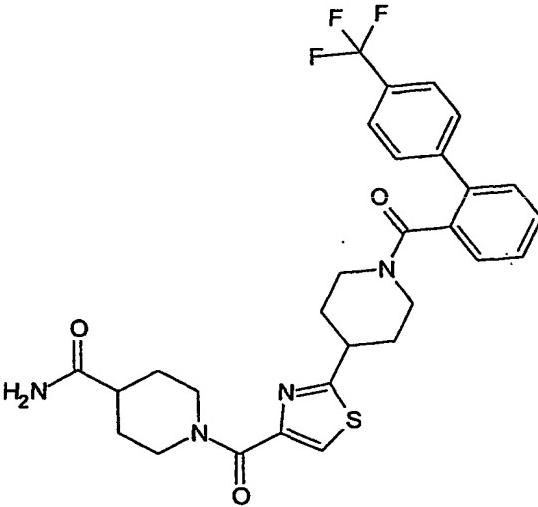
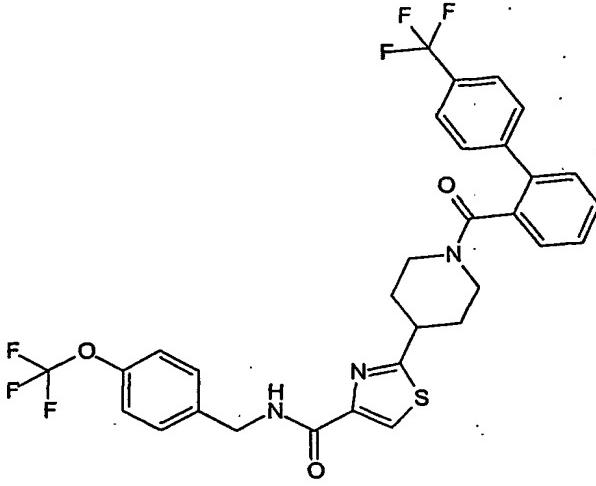
- 115 -

No.	FORMULA	NMR or mass
191	 <p>N-quinolin-6-yl-2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
192	 <p>N-{1-[(6-fluoroquinolin-2-yl)methyl]piperidin-4-yl}-2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

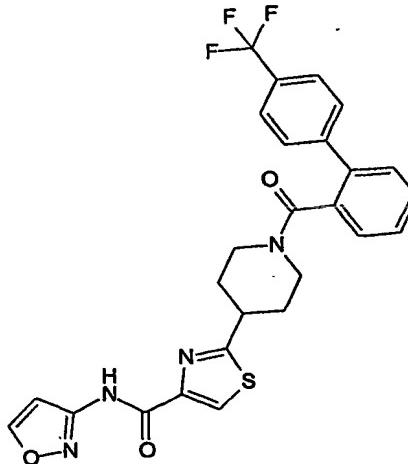
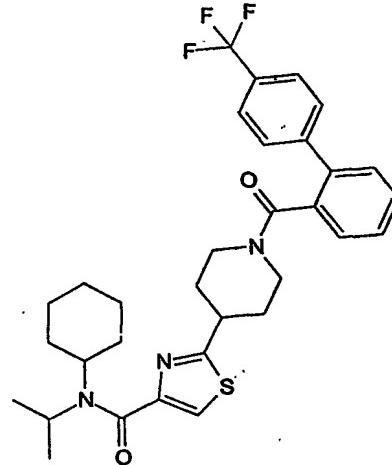
- 116 -

No.	FORMULA	NMR or mass
193	 <p>4-[4-(2-[(benzyloxy)methyl]-2,5,5-trimethyl-1,3-thiazolidin-3-yl)carbonyl]-1,3-thiazol-2-yl]-1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidine</p>	
194	 <p>4-pyrrolidin-1-yl-1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperidine</p>	

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No.	FORMULA	NMR or mass
195	 <p>1-[(2-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonylpiperidine-4-carboxamide</p>	
196	 <p>N-[4-(trifluoromethoxy)benzyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

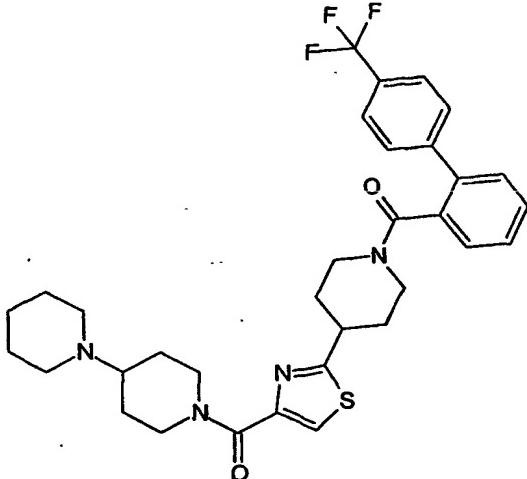
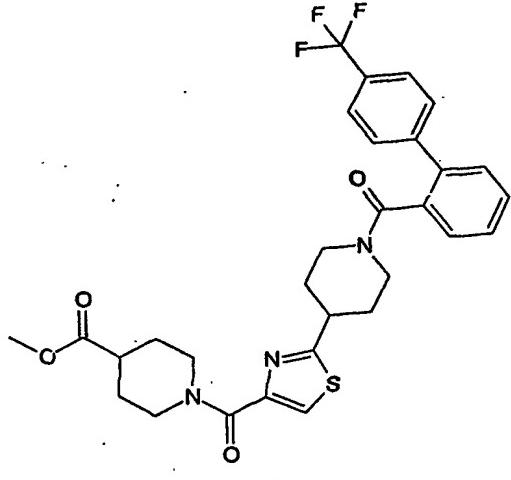
- 118 -

No.	FORMULA	NMR or mass
197	 <p>N-isoxazol-3-yl-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
198	 <p>N-cyclohexyl-N-isopropyl-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

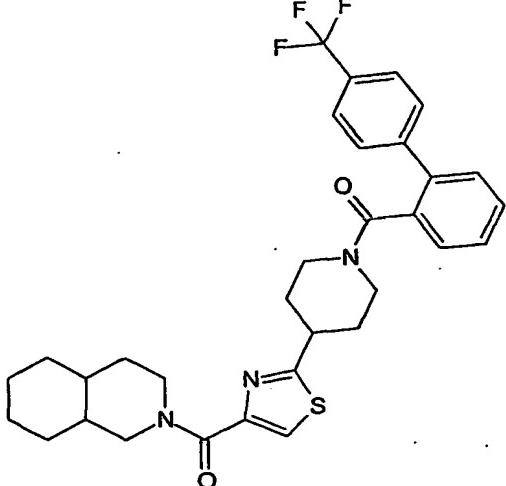
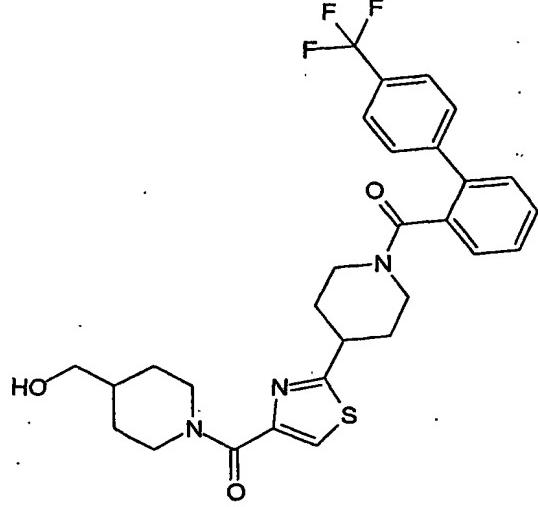
- 119 -

No.	FORMULA	NMR or mass
199	<p>ethyl N-(4-methoxyphenyl)-N-{[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl]carbonyl}norvalinate</p>	
200	<p>3,5-dimethyl-1-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl]carbonyl]piperidine</p>	

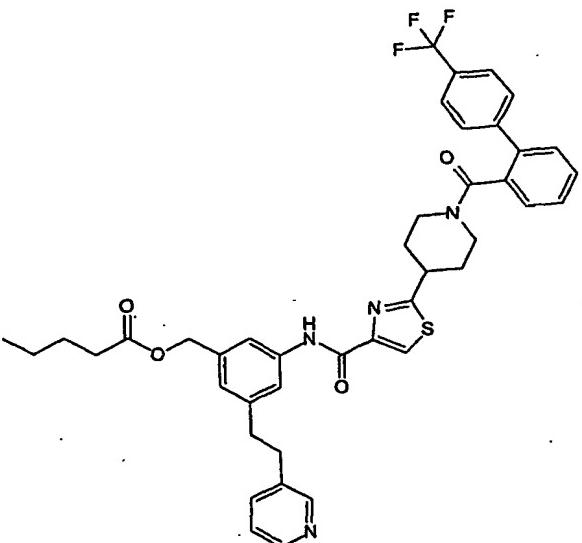
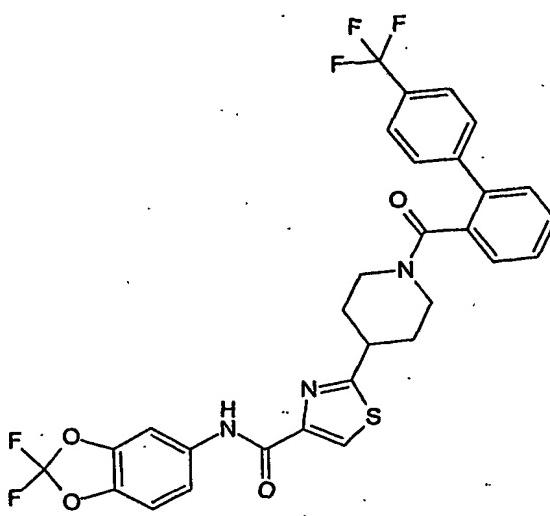
- 120 -

No.	FORMULA	NMR or mass
201	 <p>1'-(2-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-1,4'-bipiperidine</p>	
202	 <p>methyl 1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperidine-4-carboxylate</p>	

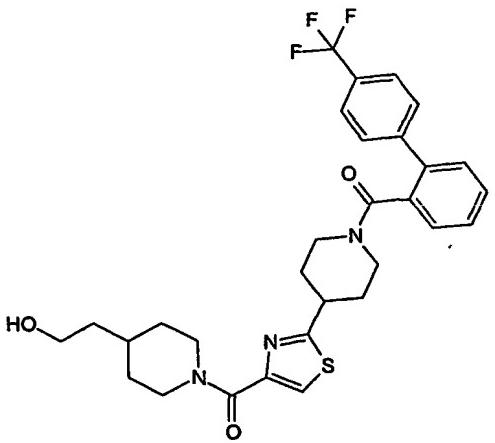
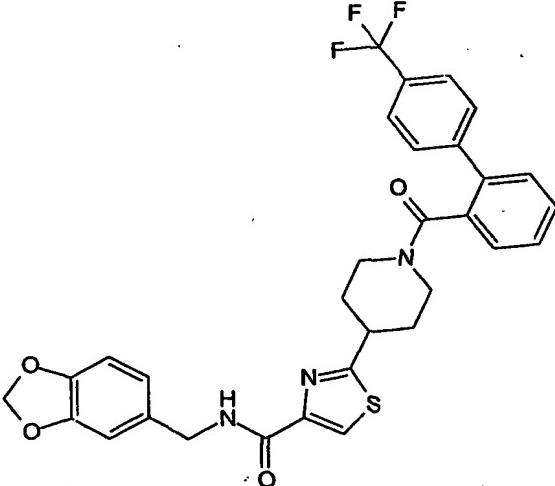
- 121 -

No.	FORMULA	NMR or mass
203	 <p>2-{[2-(1-({[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}decahydroisoquinoline</p>	
204	 <p>(1-{[2-(1-({[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperidin-4-yl)methanol</p>	

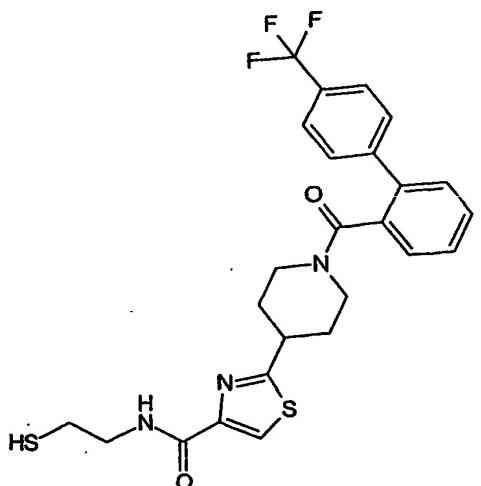
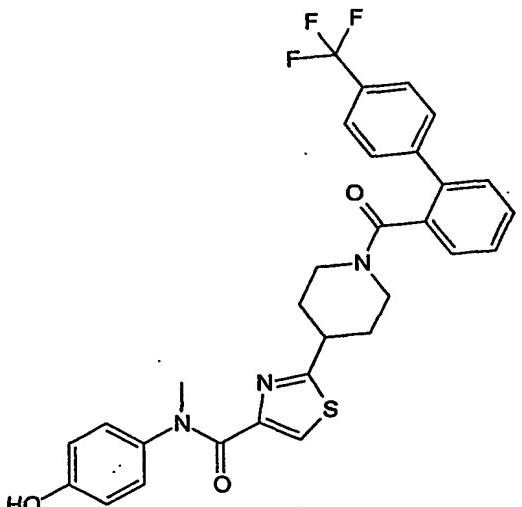
- 122 -

No.	FORMULA	NMR or mass
205	 <p>3-(2-pyridin-3-ylethyl)-5-((2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazol-4-yl)carbonyl)amino)benzyl pentanoate</p>	
206	 <p>N-(2,2-difluoro-1,3-benzodioxol-5-yl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

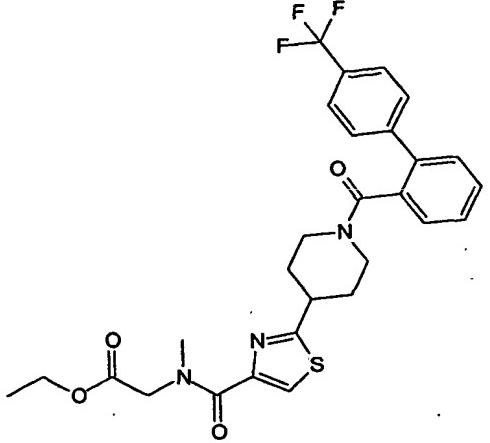
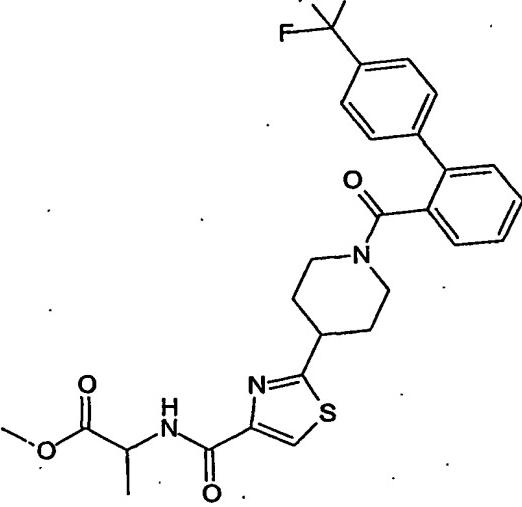
- 123 -

No.	FORMULA	NMR or mass
207	 <p>2-(1-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperidin-4-yl)ethanol</p>	
208	 <p>N-(1,3-benzodioxol-5-ylmethyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

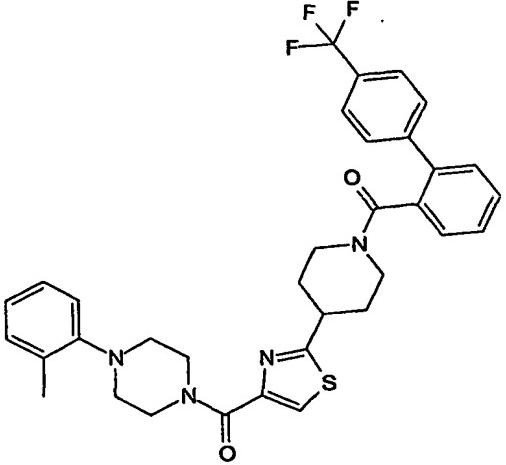
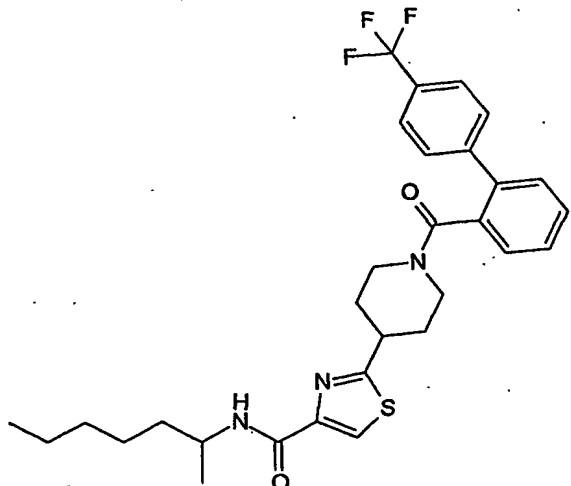
- 124 -

No.	FORMULA	NMR or mass
209	 <p>N-(2-mercaptopropyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
210	 <p>N-(4-hydroxyphenyl)-N-methyl-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

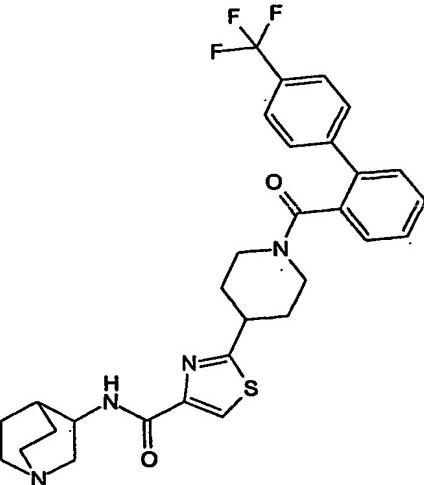
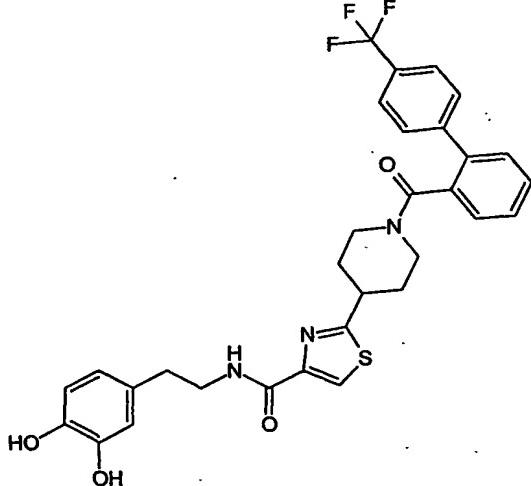
- 125 -

No.	FORMULA	NMR or mass
211	 <p>ethyl N-methyl-N-{{[2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl}carbonyl}glycinate</p>	
212	 <p>methyl N-{{[2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl}carbonyl}alaninate</p>	

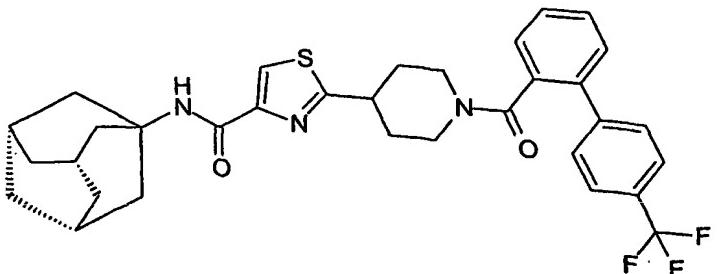
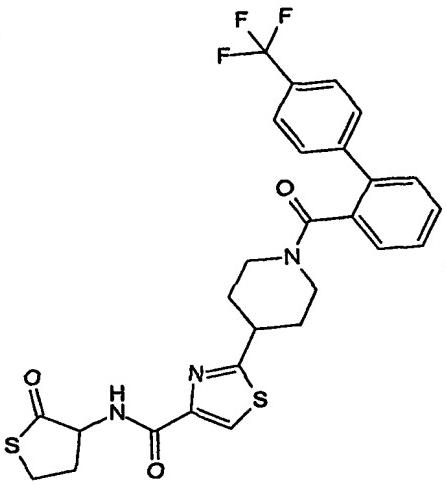
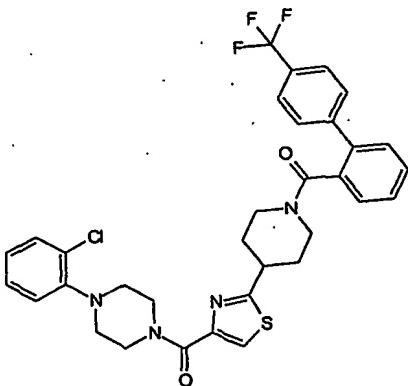
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No.	FORMULA	NMR or mass
213	 <p>1-(2-methylphenyl)-4-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}-piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperazine</p>	
214	 <p>N-(1-methylhexyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

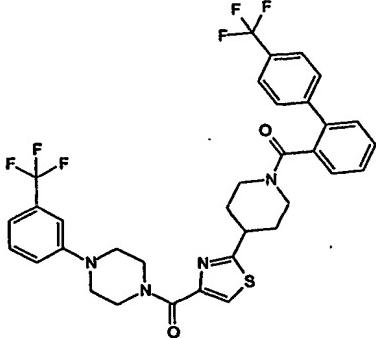
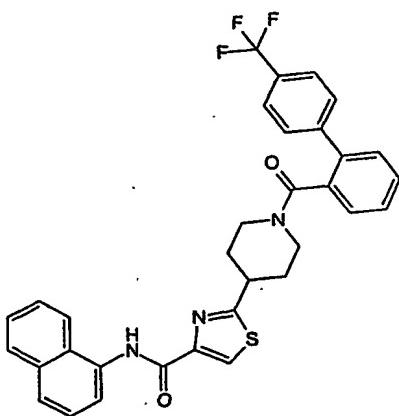
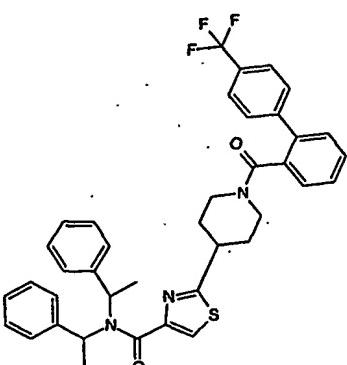
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No.	FORMULA	NMR or mass
215	 <p>N-1-azabicyclo[2.2.2]oct-3-yl-2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
216	 <p>N-[2-(3,4-dihydroxyphenyl)ethyl]-2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]-carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

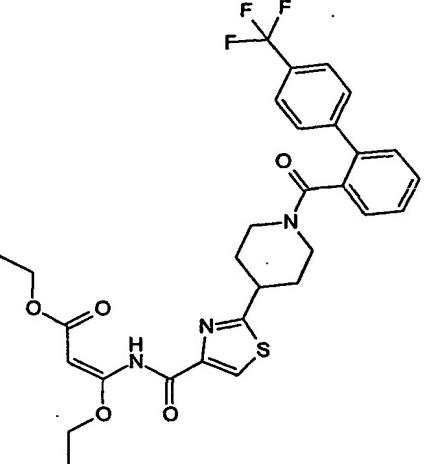
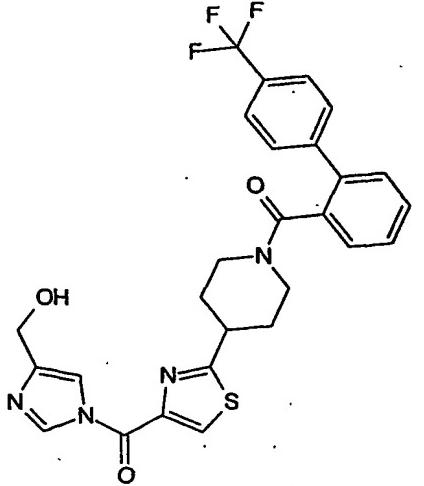
- 128 -

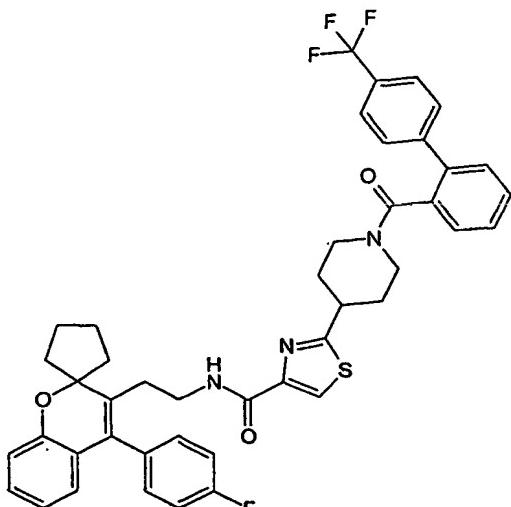
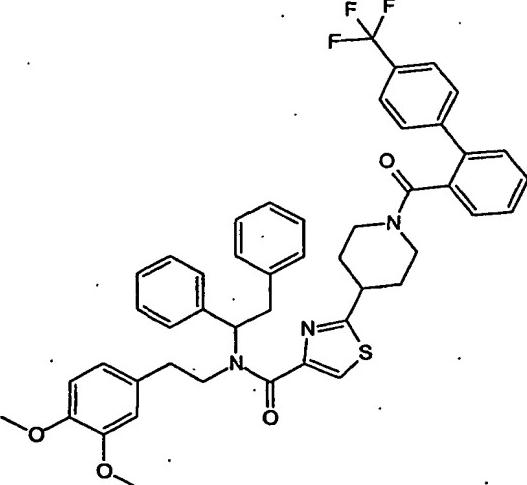
No.	FORMULA	NMR or mass
217	 <p>N-[(3s,5s,7s)-1-adamantyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
218	 <p>N-(2-oxotetrahydro-3-thienyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
219	 <p>1-(2-chlorophenyl)-4-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]piperazine</p>	

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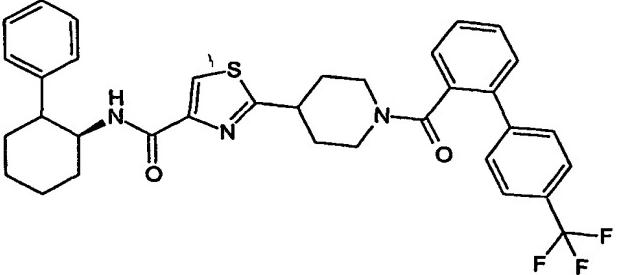
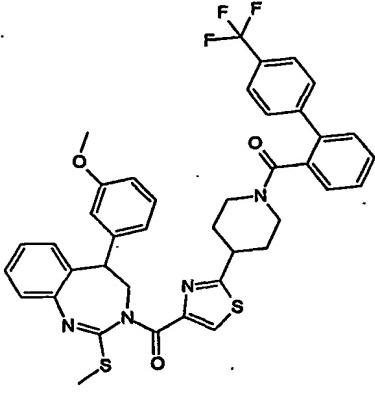
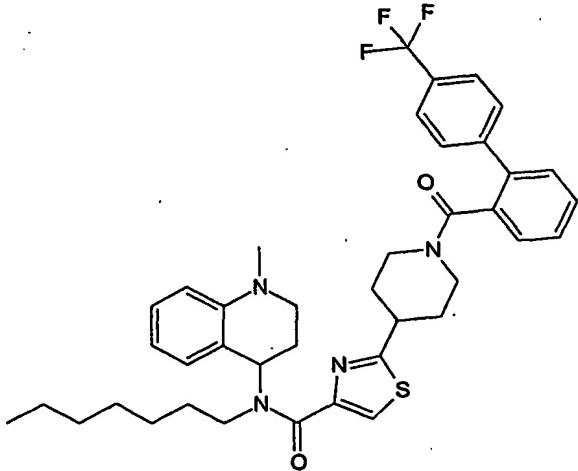
No.	FORMULA	NMR or mass
220	 <p>1-{[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-4-[3-(trifluoromethyl)phenyl]piperazine</p>	
221	 <p>N-1-naphthyl-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
222	 <p>N,N-bis(1-phenylethyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

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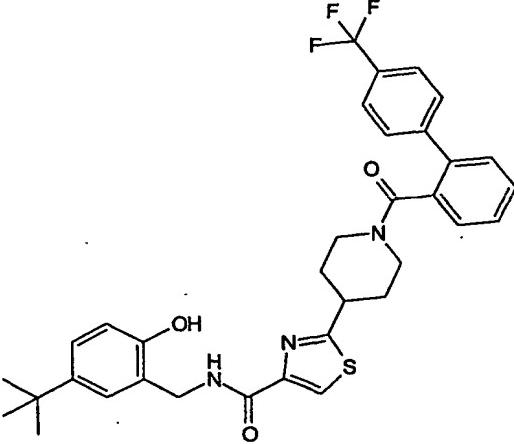
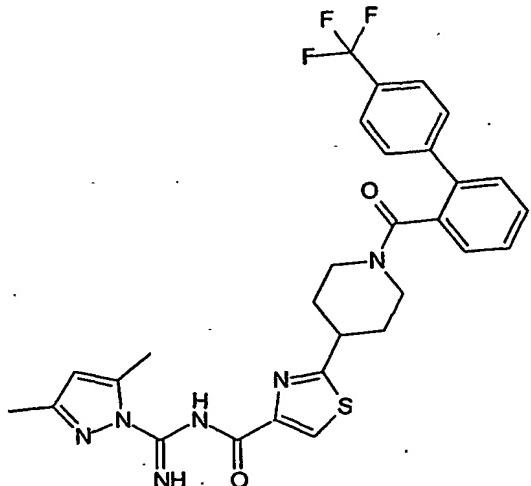
No.	FORMULA	NMR or mass
223	 <p>ethyl (2E)-3-ethoxy-3-({[2-(1-({[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl})piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}amino)acrylate</p>	
224	 <p>(1-[{2-(1-({[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl})piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-1H-imidazol-4-yl)methanol</p>	

No.	FORMULA	NMR or mass
225	 <p>N-[2-[4-(4-fluorophenyl)spiro[chromene-2,1'-cyclopentan]-3-yl]ethyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
226	 <p>N-[2-(3,4-dimethoxyphenyl)ethyl]-N-(1,2-diphenylethyl)-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

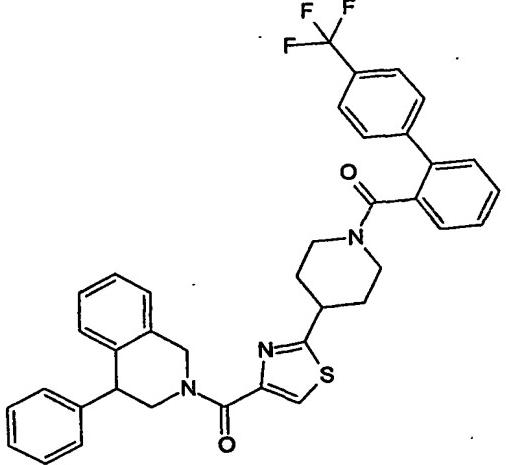
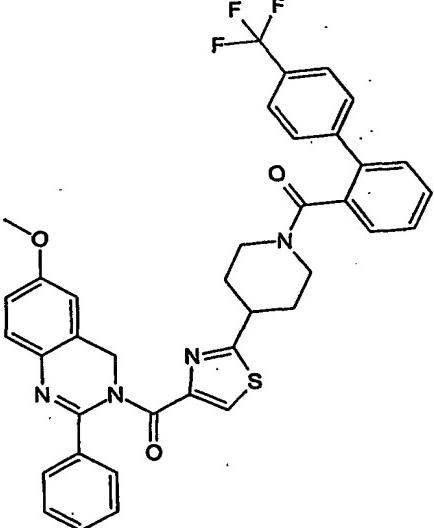
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No.	FORMULA	NMR or mass
227		
228	 <p>5-(3-methoxyphenyl)-2-(methylthio)-3-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-4,5-dihydro-3H-1,3-benzodiazepine</p>	
229	 <p>N-heptyl-N-(1-methyl-1,2,3,4-tetrahydroquinolin-4-yl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

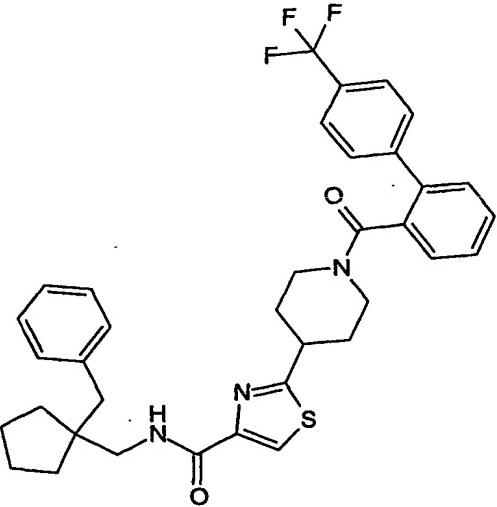
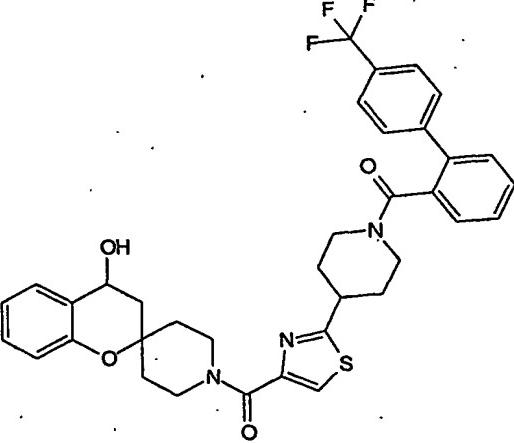
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No.	FORMULA	NMR or mass
230	 <p>N-(5-tert-butyl-2-hydroxybenzyl)-2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
231	 <p>N-[(3,5-dimethyl-1H-pyrazol-1-yl)(imino)methyl]-2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

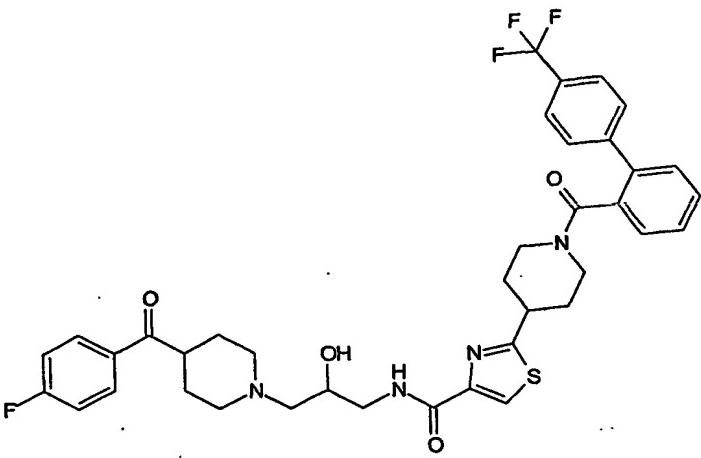
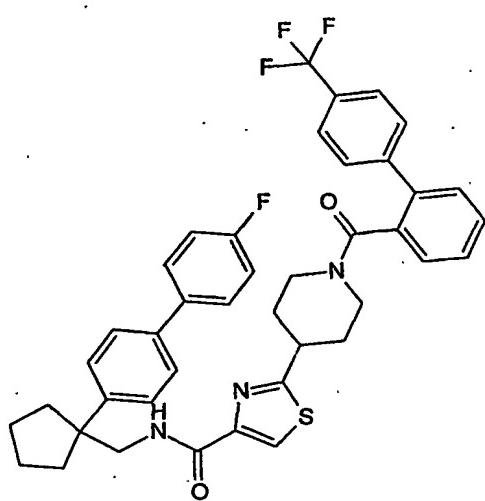
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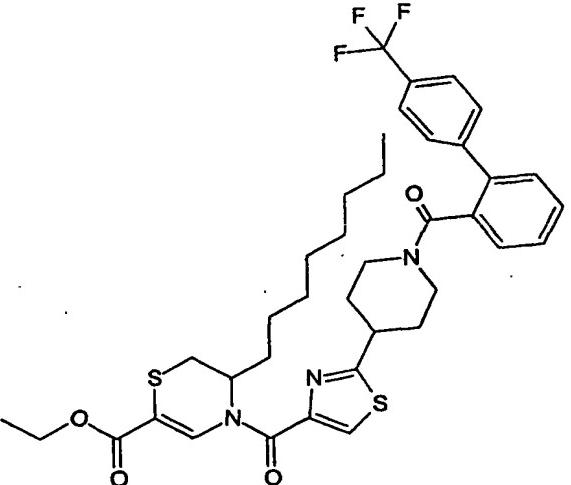
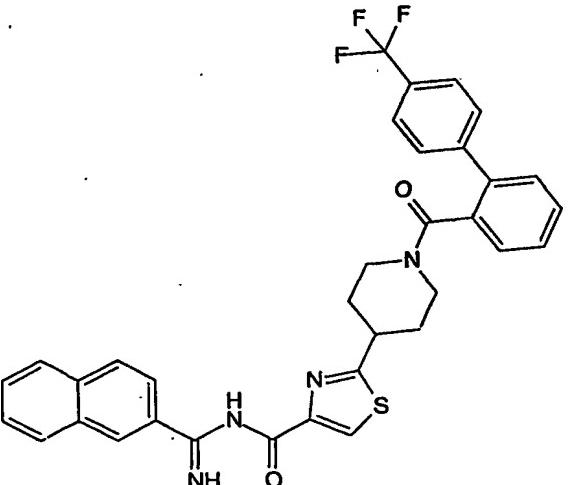
No.	FORMULA	NMR or mass
232	 <p>4-phenyl-2-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-1,2,3,4-tetrahydroisoquinoline</p>	
233	 <p>6-methoxy-2-phenyl-3-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-3,4-dihydroquinazoline</p>	

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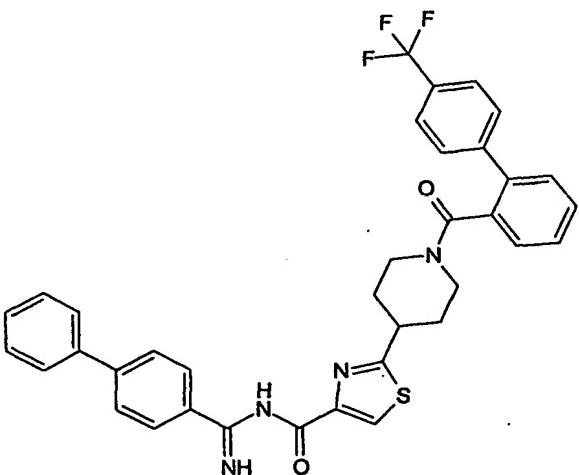
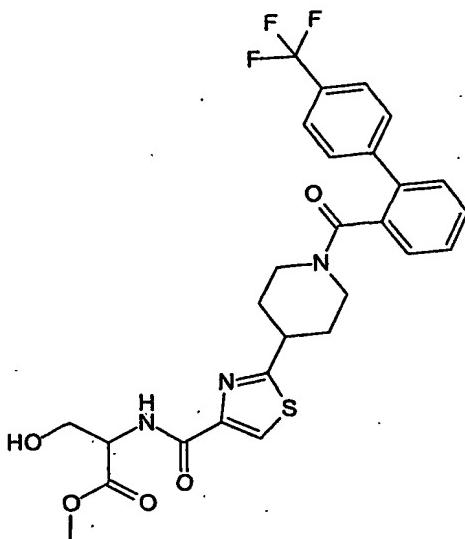
No.	FORMULA	NMR or mass
234	 <p>N-[(1-benzylcyclopentyl)methyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
235	 <p>1'-[[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-3,4-dihydrospiro[chromene-2,4'-piperidin]-4-ol</p>	

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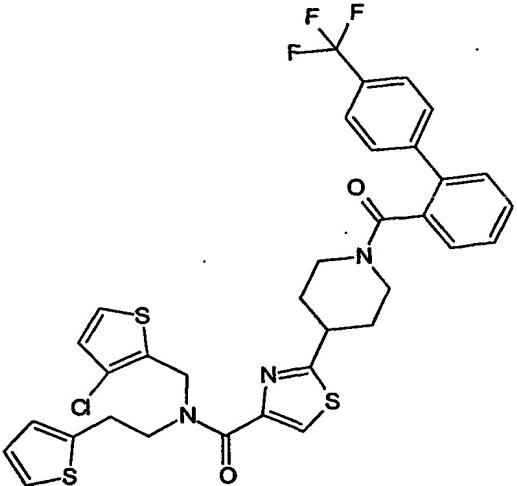
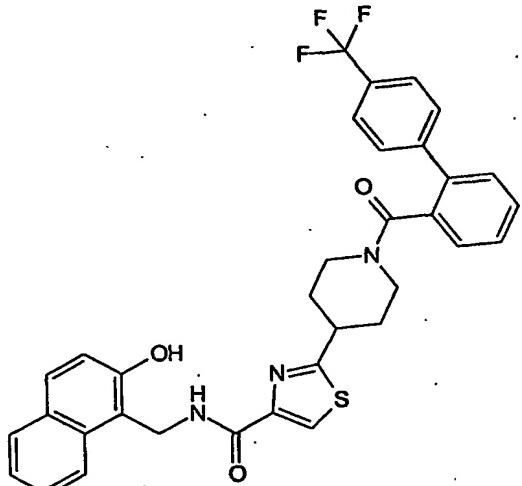
No.	FORMULA	NMR or mass
236	 <p>N-{3-[4-(4-fluorobenzoyl)piperidin-1-yl]-2-hydroxypropyl}-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
237	 <p>N-[[1-(4'-fluorobiphenyl-4-yl)cyclopentyl]methyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
238	 <p>ethyl 3-octyl-4-[(2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl)carbonyl]-3,4-dihydro-2H-1,4-thiazine-6-carboxylate</p>	
239	 <p>N-[imino(2-naphthyl)methyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

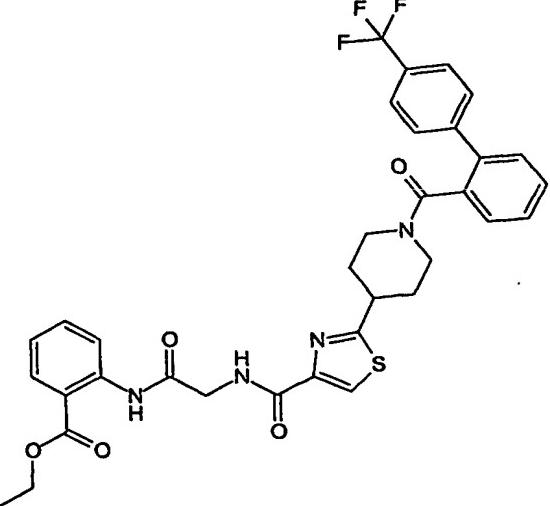
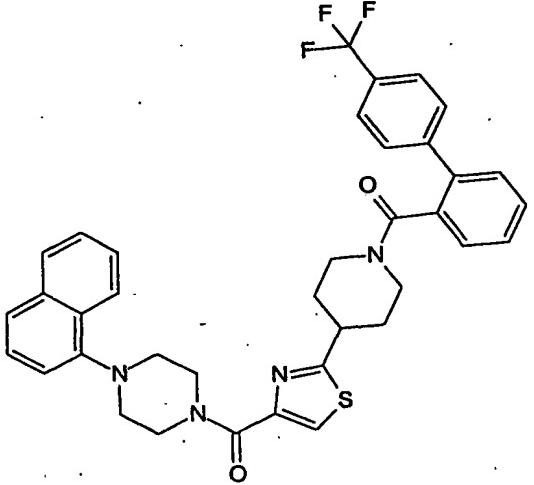
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No.	FORMULA	NMR or mass
240	 <p>N-[biphenyl-4-yl(imino)methyl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
241	 <p>methyl N-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}serinate</p>	

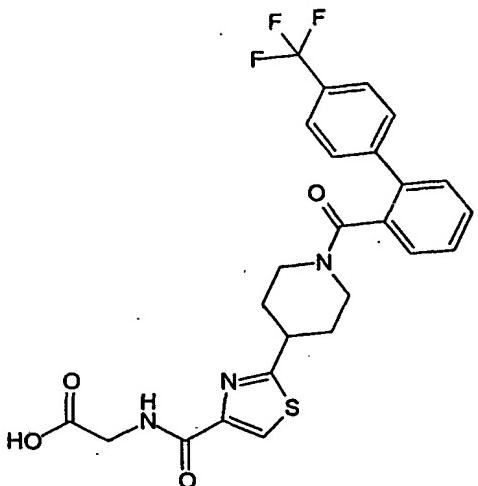
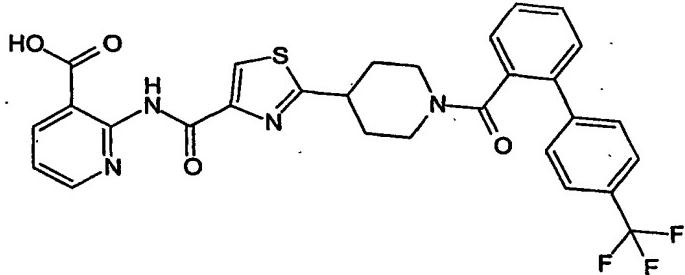
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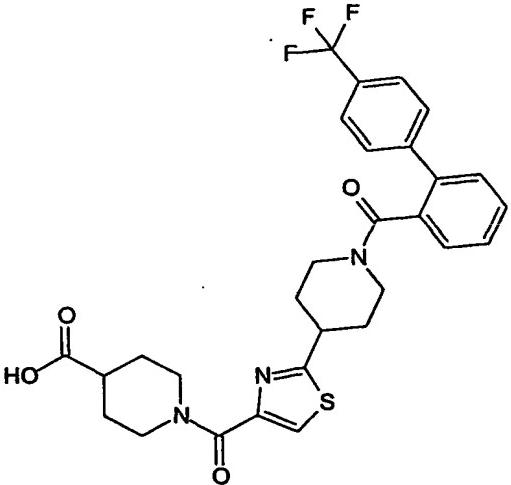
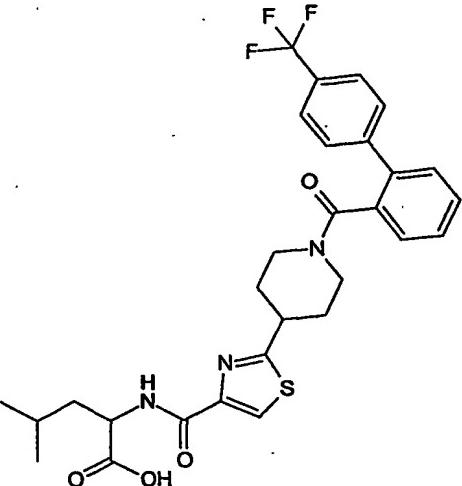
No.	FORMULA	NMR or mass
242	 <p>N-[(3-chloro-2-thienyl)methyl]-N-[2-(2-thienyl)ethyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
243	 <p>N-[(2-hydroxy-1-naphthyl)methyl]-2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

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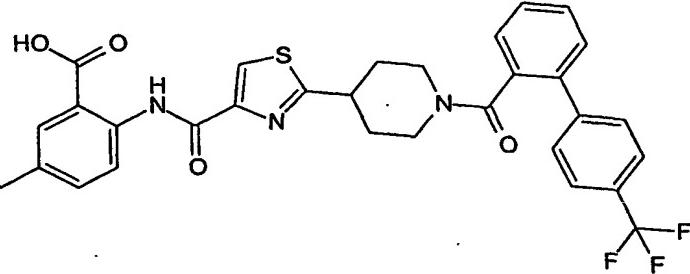
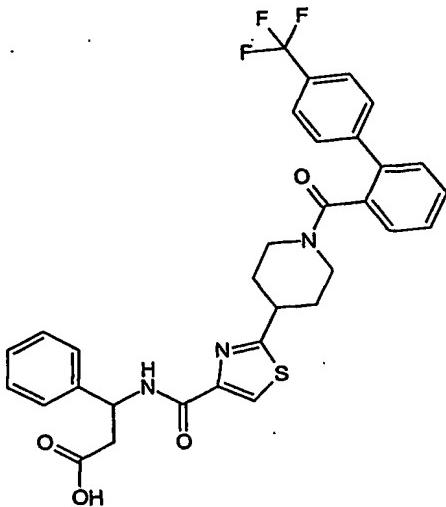
No.	FORMULA	NMR or mass
244	 <p>ethyl 2-[(N-{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}glycyl)amino]benzoate</p>	
245	 <p>1-(1-naphthyl)-4-[(2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl)piperazine</p>	

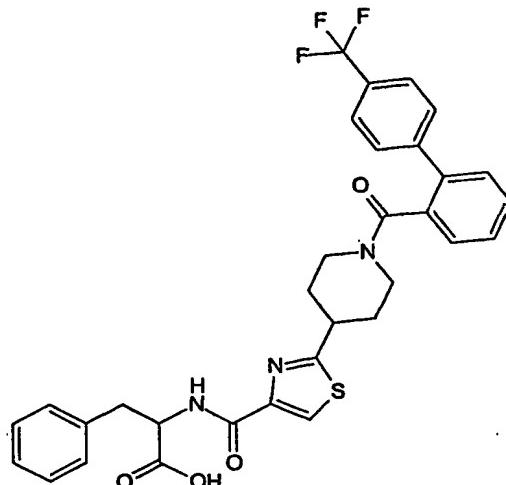
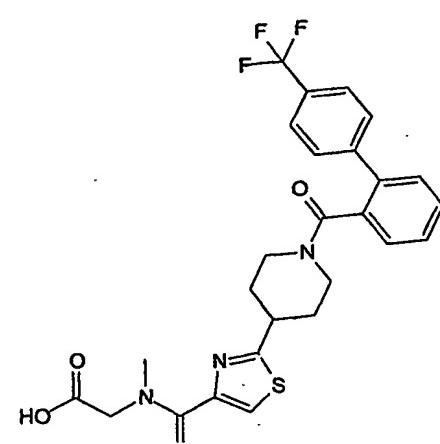
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No.	FORMULA	NMR or mass
246	 <p>Chemical structure of compound 246: N-{[2-(1-({4'-(trifluoromethyl)biphenyl-2-yl}carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}glycine</p>	
247	 <p>Chemical structure of compound 247: N-{[2-(1-({4'-(trifluoromethyl)biphenyl-2-yl}carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}glycine</p>	

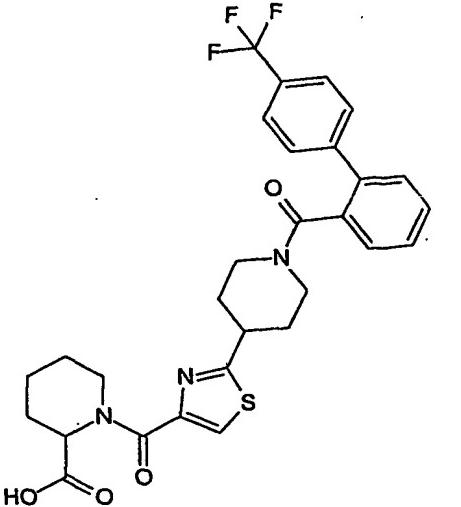
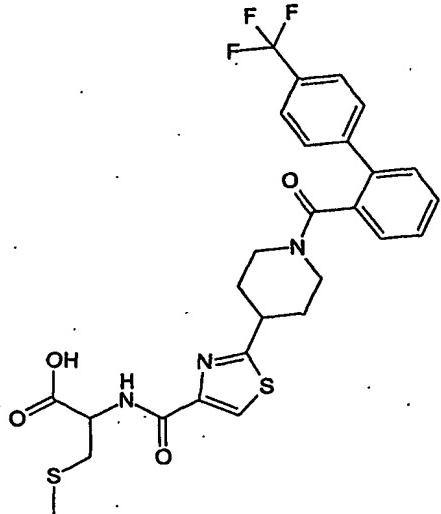
No.	FORMULA	NMR or mass
248	 <p>1-{[2-(1-({[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl}-1,3-thiazol-4-yl)carbonyl}piperidin-4-carboxylic acid</p>	
249	 <p>N-{[2-(1-({[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl}-1,3-thiazol-4-yl)carbonyl]leucine</p>	

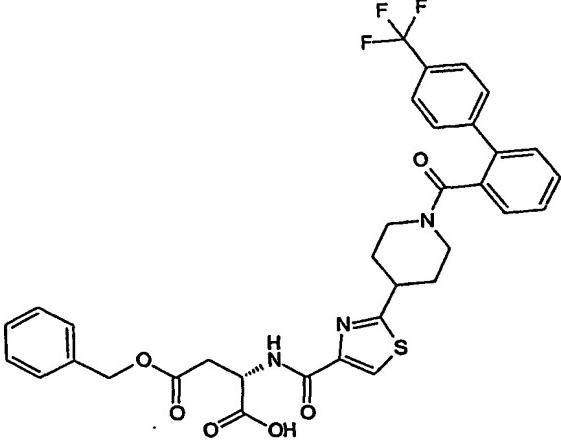
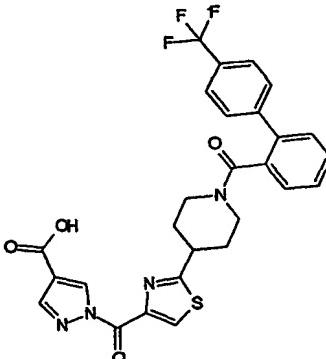
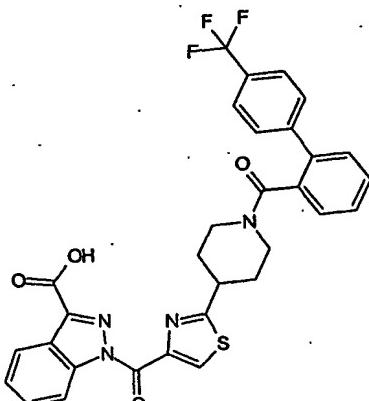
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No.	FORMULA	NMR or mass
250		
251	 <p>3-phenyl-3-({[2-(1-{{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl}-1,3-thiazol-4-yl]carbonyl}amino)propanoic acid</p>	

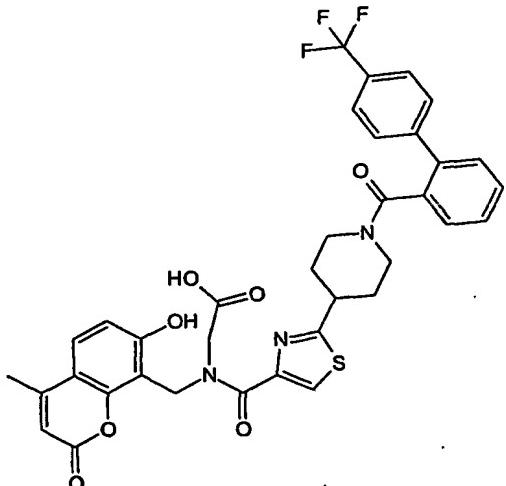
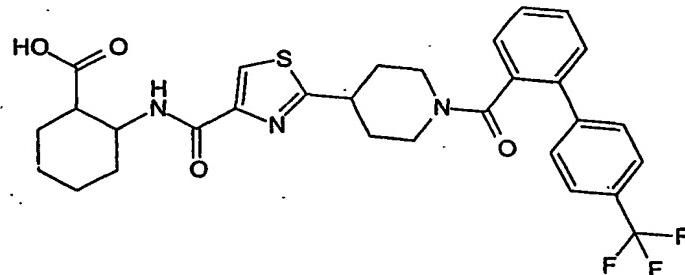
No.	FORMULA	NMR or mass
252	 <p>N-{[2-(1-({[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}phenylalanine</p>	
253	 <p>N-methyl-N-{[2-(1-({[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}glycine</p>	

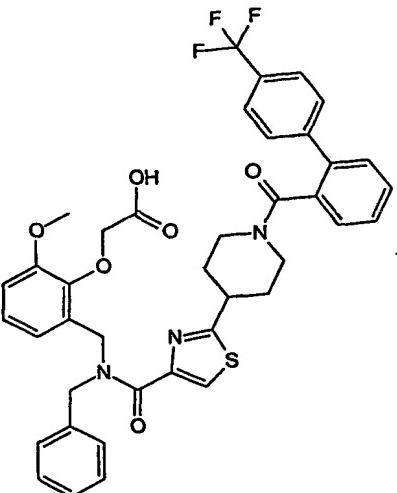
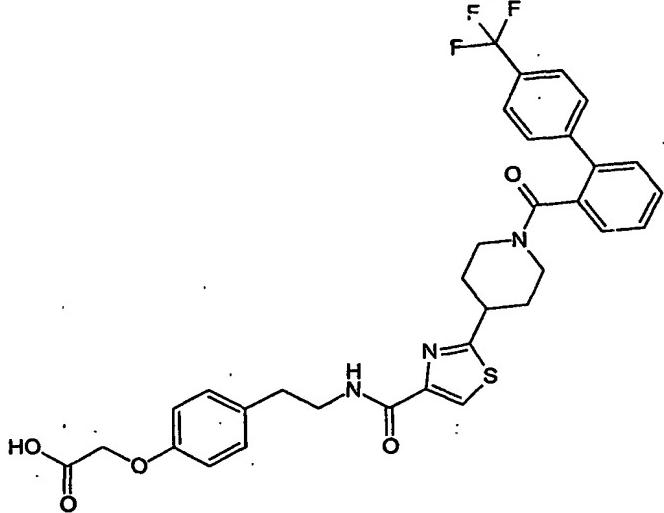
- 145 -

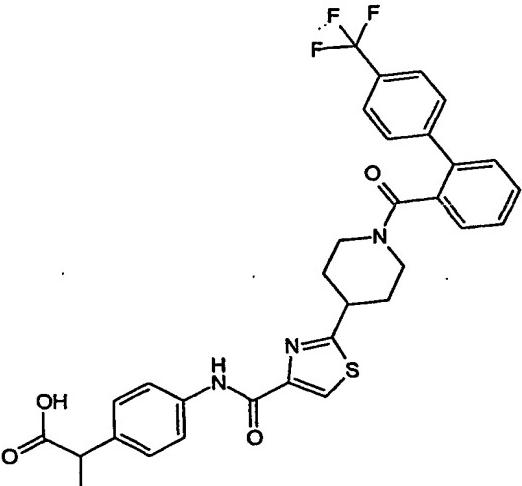
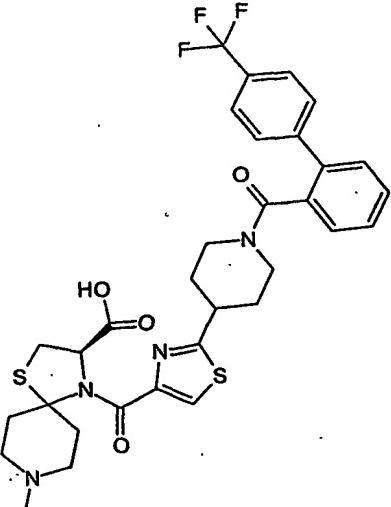
No.	FORMULA	NMR or mass
254	 <p>1-{[2-(1-({[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}piperidine-2-carboxylic acid</p>	
255	 <p>S-methyl-N-{[2-(1-({[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}cysteine</p>	

No.	FORMULA	NMR or mass
256		
257	 <p>1-{{2-(1-{{4'-(trifluoromethyl)biphenyl-2-yl}carbonyl})piperidin-4-yl}-1,3-thiazol-4-yl}carbonyl}-1H-pyrazole-4-carboxylic acid</p>	
258	 <p>1-{{2-(1-{{4'-(trifluoromethyl)biphenyl-2-yl}carbonyl})piperidin-4-yl}-1,3-thiazol-4-yl}carbonyl}-1H-indazole-3-carboxylic acid</p>	

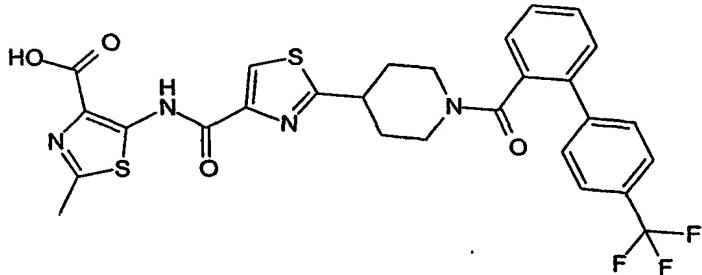
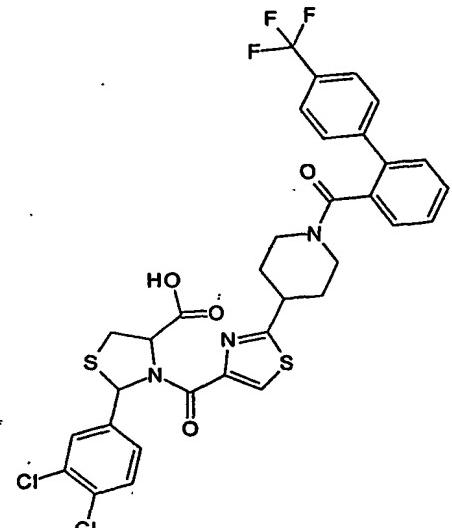
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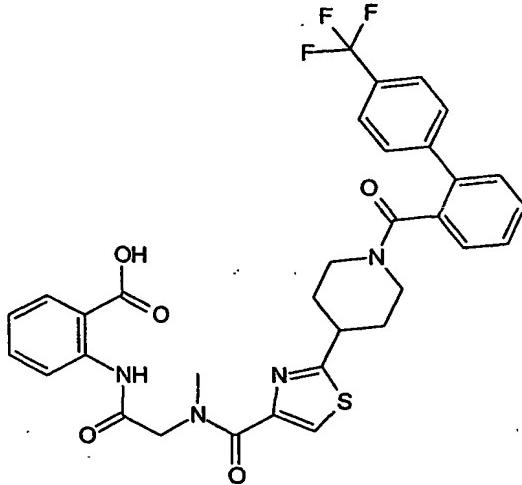
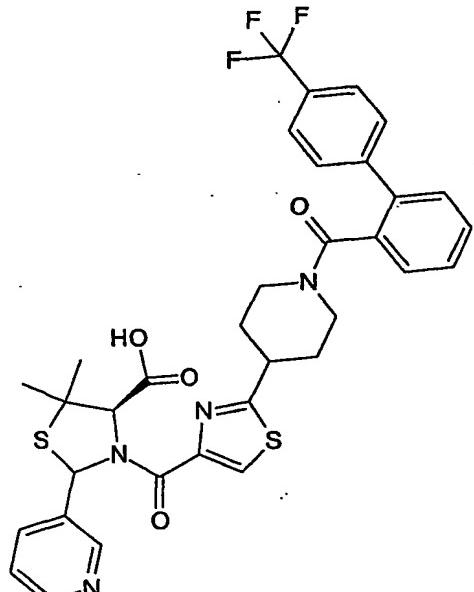
No.	FORMULA	NMR or mass
259	 <p>N-[(7-hydroxy-4-methyl-2-oxo-2H-chromen-8-yl)methyl]-N-[[2-(1-[[4'-trifluoromethyl]biphenyl-2-yl]carbonyl)piperidin-4-yl]-1,3-thiazol-4-yl]-carbonyl]glycine</p>	
260		

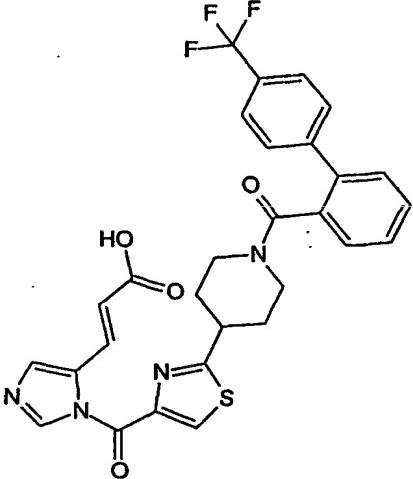
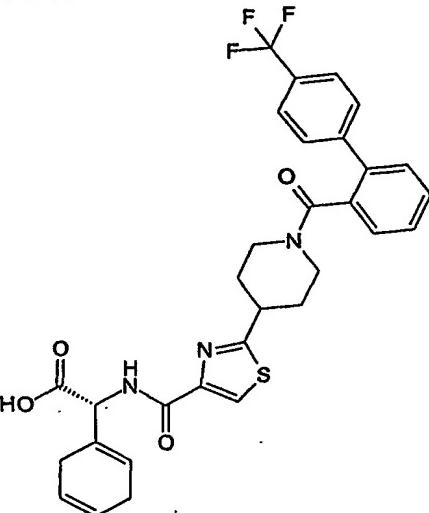
No.	FORMULA	NMR or mass
261	 <p>{2-[(benzyl{[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}amino)methyl]-6-methoxyphenoxy}acetic acid</p>	
262	 <p>{4-[2-({[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}amino)ethyl]phenoxy}acetic acid</p>	

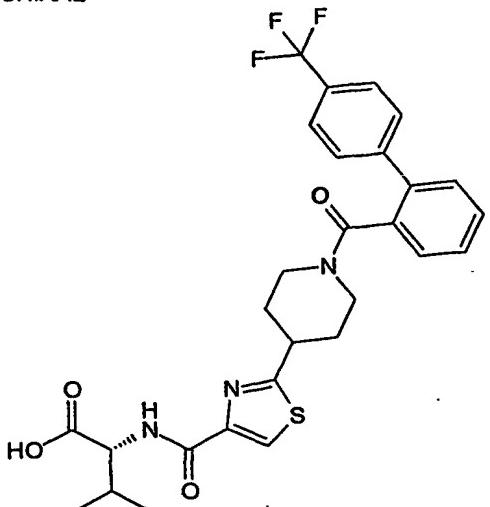
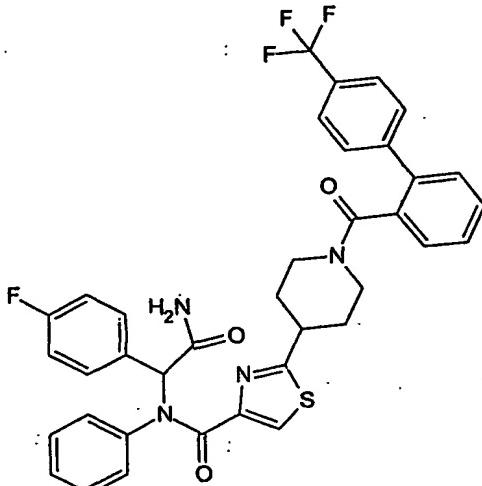
No.	FORMULA	NMR or mass
263	 <p>2-[4-({[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}amino)phenyl]propanoic acid</p>	
264	 <p>(3R)-8-methyl-4-[[2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-1-thia-4,8-diazaspiro[4.5]decane-3-carboxylic acid</p>	

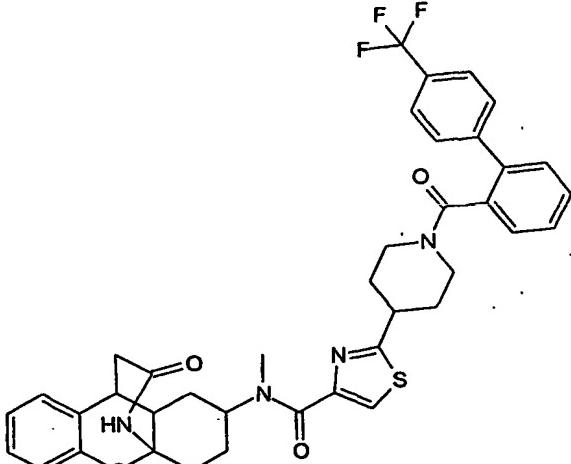
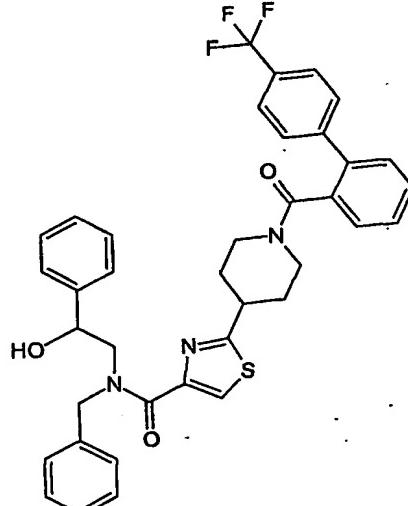
- 150 -

No.	FORMULA	NMR or mass
265		
266	 <p data-bbox="290 1311 1192 1374">2-(3,4-dichlorophenyl)-3-{{[2-(1-[[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl]-piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}-1,3-thiazolidine-4-carboxylic acid</p>	

No.	FORMULA	NMR or mass
267	 <p>2-[(N-methyl-N-{[2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl}glycyl)amino]benzoic acid</p>	
268	 <p>(4R)-5,5-dimethyl-2-pyridin-3-yl-3-[(2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl]-1,3-thiazolidine-4-carboxylic acid</p>	

No.	FORMULA	NMR or mass
269	 <p>(2E)-3-(1-{[2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl}-1,3-thiazol-4-yl)carbonyl]-1H-imidazol-5-yl)acrylic acid</p>	
270	<p>CHIRAL</p>  <p>(2R)-cyclohexa-1,4-dien-1-yl({[2-(1-[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl)piperidin-4-yl}-1,3-thiazol-4-yl]carbonyl}amino)acetic acid</p>	

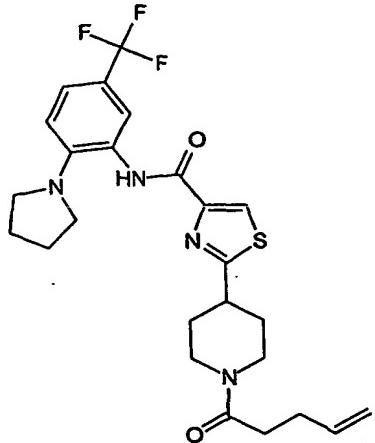
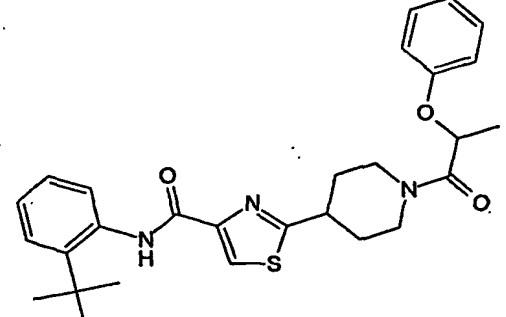
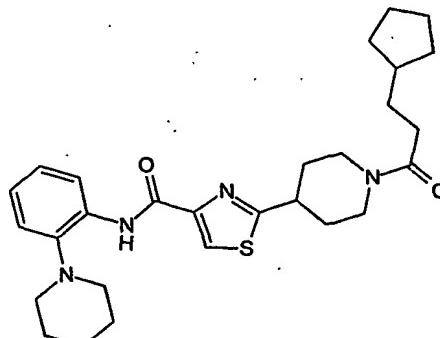
No.	FORMULA	NMR or mass
271	<p>CHIRAL</p>  <p>N-[2-(1-({4'-(trifluoromethyl)biphenyl-2-yl}carbonyl)piperidin-4-yl)-1,3-thiazol-4-yl]carbonyl-D-valine</p>	
272	 <p>N-[2-amino-1-(4-fluorophenyl)-2-oxoethyl]-N-phenyl-2-(1-({4'-(trifluoromethyl)biphenyl-2-yl}carbonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
273	 <p>N-methyl-N-[12-oxo-1,2,3,4,9,9a-hexahydro-4a,9-(epiminoethano)xanthen-2-yl]-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
274	 <p>N-benzyl-N-(2-hydroxy-2-phenylethyl)-2-(1-{[4'-(trifluoromethyl)biphenyl-2-yl]carbonyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

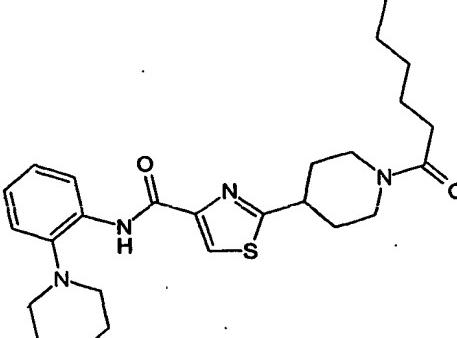
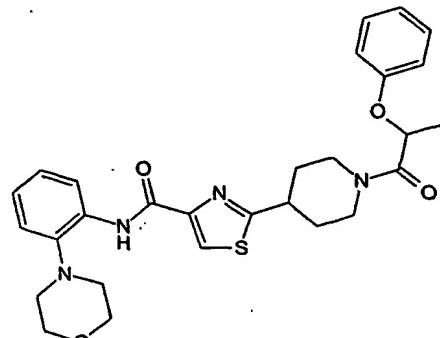
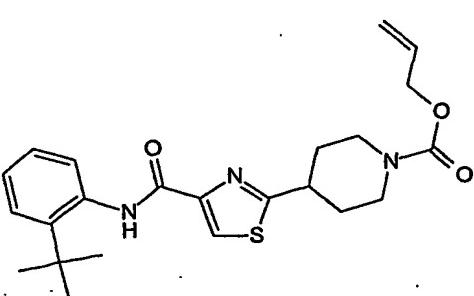
No.	FORMULA	NMR or mass
275		
276		
277		$(\text{CDCl}_3)$ : 1.27-1.21 (16H, m); 1.27-1.26 (1H, m); 1.24-1.26 (1H, m); 1.21-1.27 (13H, m).
278		$(\text{CDCl}_3)$ : 1.23-1.29 (19H, m); 1.28-1.27 (1H, m); 1.27-1.27 (1H, m); 1.20-1.25 (12H, m).

No.	FORMULA	NMR or mass
279	<p>N-(4-methoxybiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
280		
281		

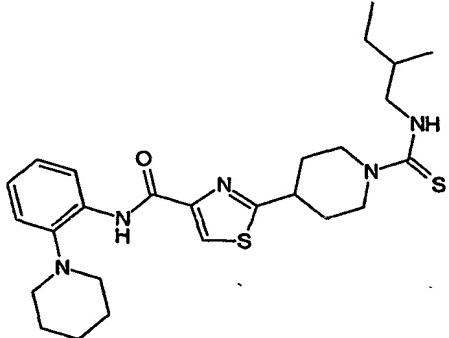
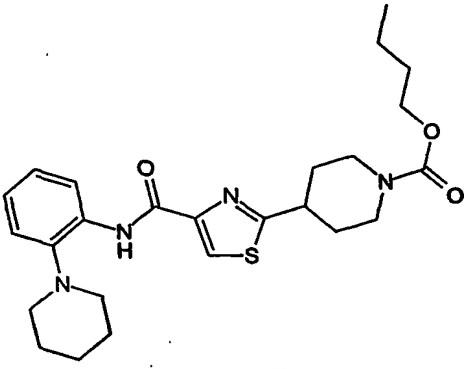
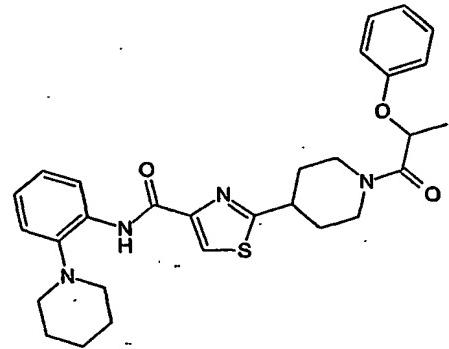
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No.	FORMULA	NMR or mass
282	 <p>2-(1-pent-4-enylpiperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]-1,3-thiazole-4-carboxamide</p>	
283		
284		

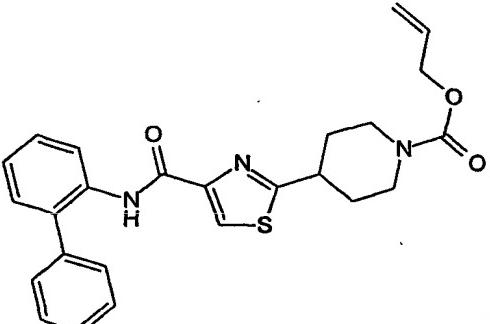
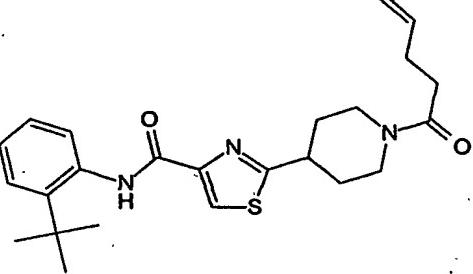
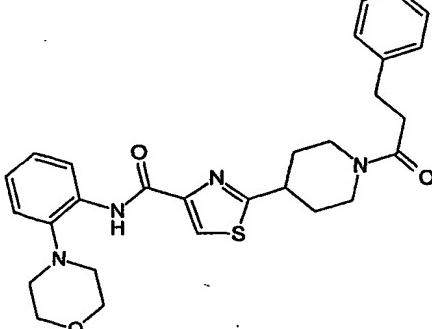
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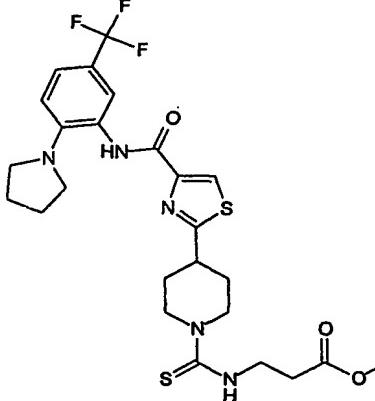
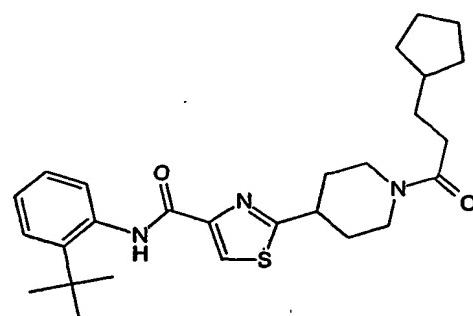
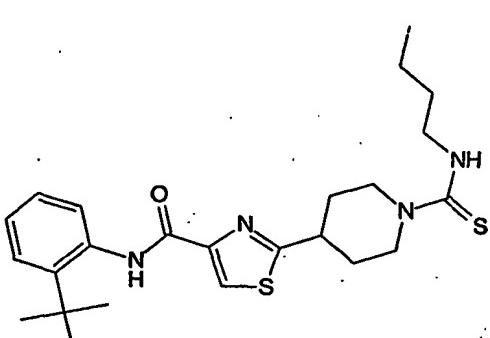
No.	FORMULA	NMR or mass
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286		
287		

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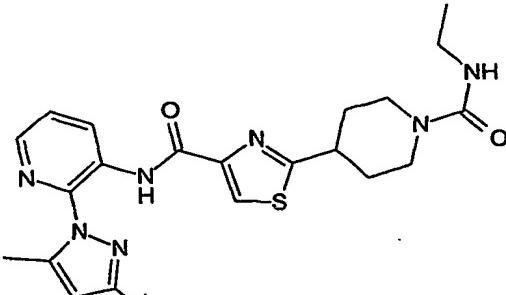
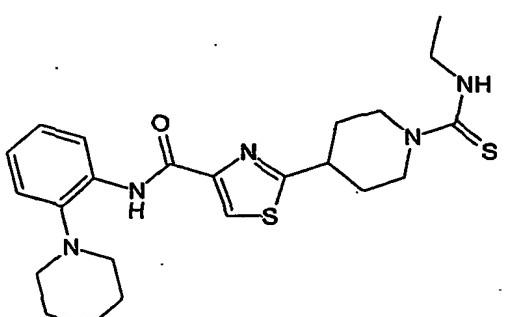
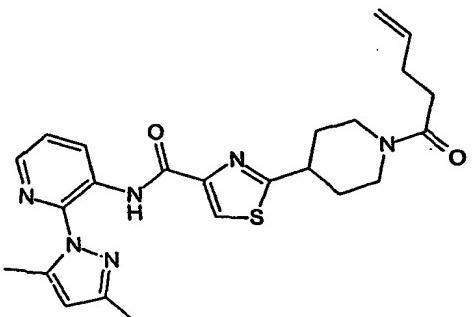
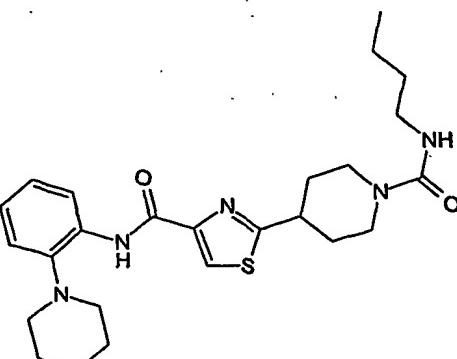
No.	FORMULA	NMR or mass
288		
289		
290		

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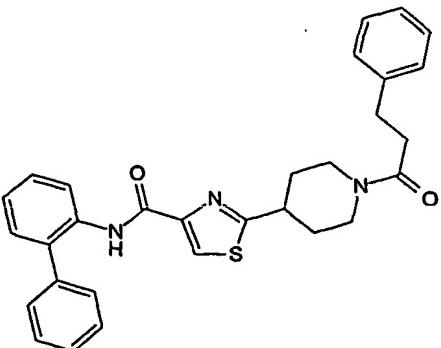
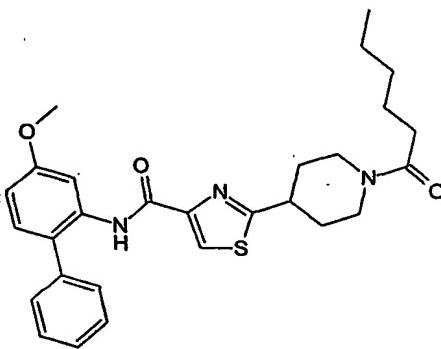
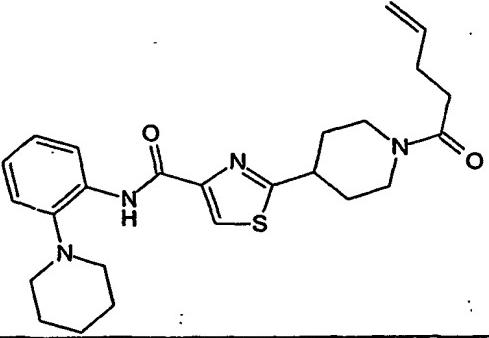
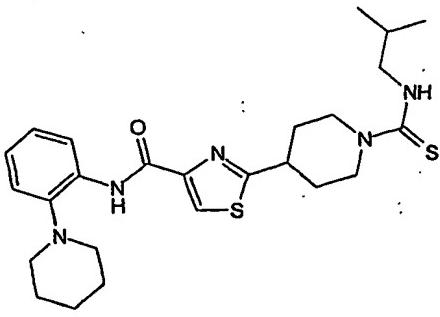
No.	FORMULA	NMR or mass
291		
292		
293		

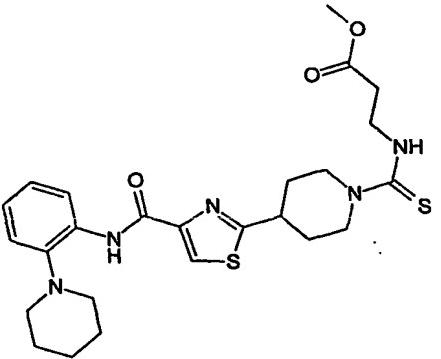
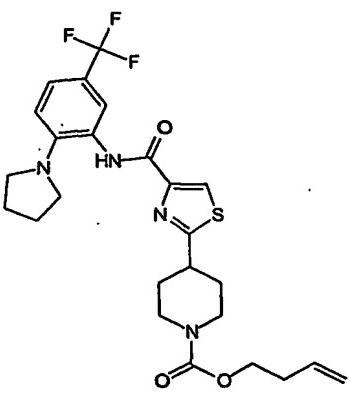
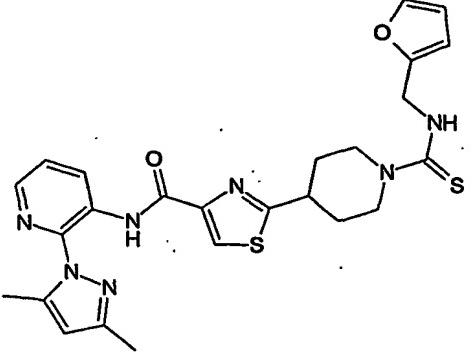
No.	FORMULA	NMR or mass
294	 <p>methyl N-(4-[4-((2-pyrrolidin-1-yl)-5-(trifluoromethyl)phenyl)amino]-carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carbonothioyl)-beta-alaninate</p>	
295		
296		

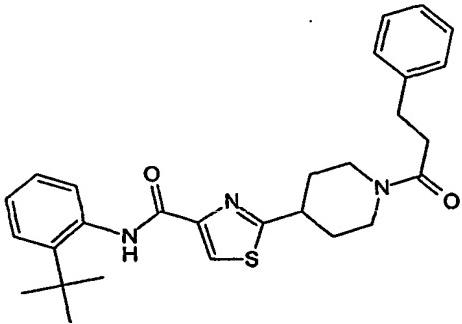
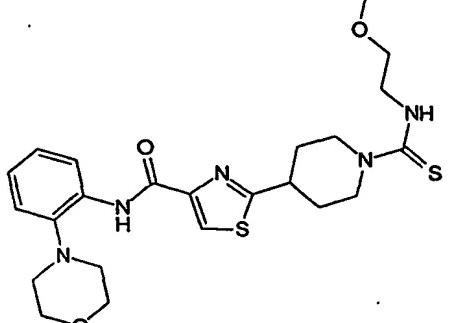
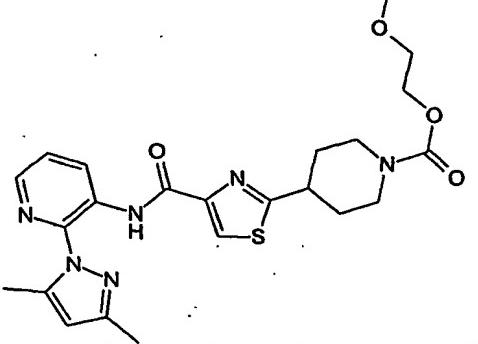
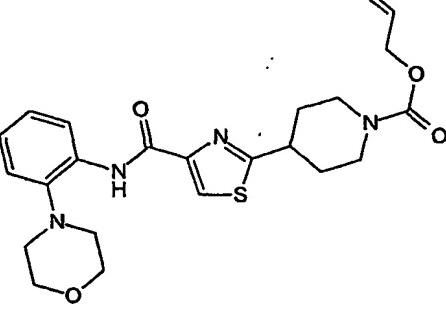
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No.	FORMULA	NMR or mass
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298		
299		
300		

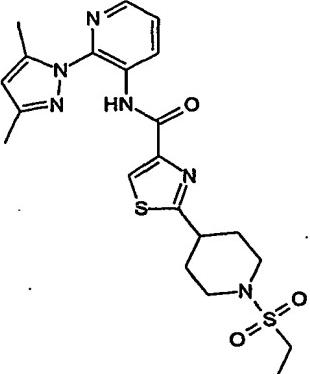
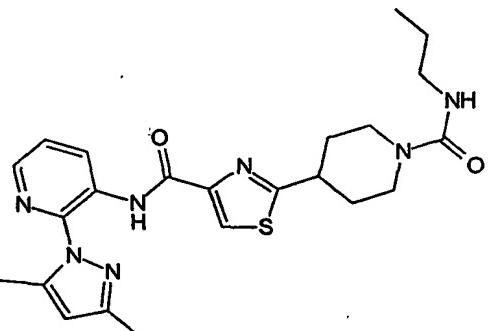
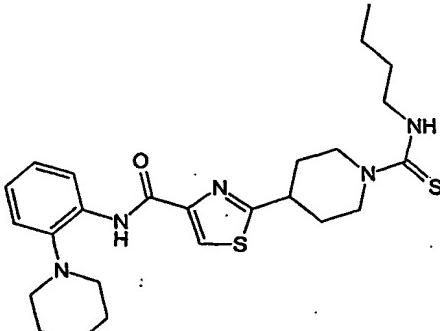
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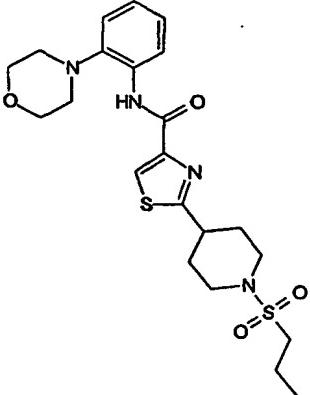
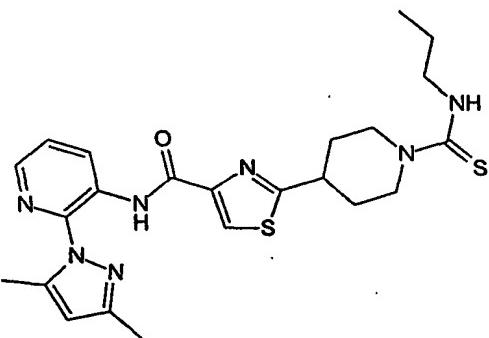
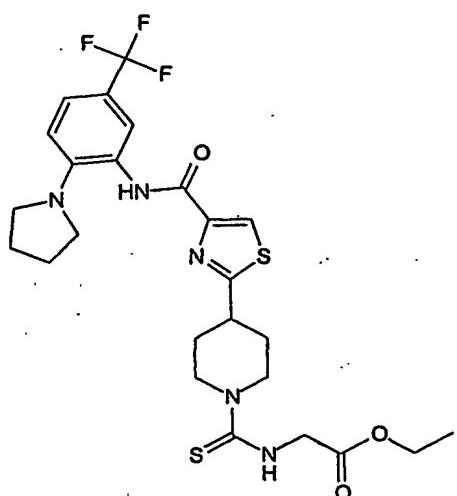
No.	FORMULA	NMR or mass
301		
302		
303		
304		

No.	FORMULA	NMR or mass
305	 <p>Chemical structure of compound 305:</p> <pre>       N               C1=CC=C(C=C1)N2CCCCC2C(=O)N3C=CC=C3S4=C(C=C4)C5=C(C=C5)N6CCCCC6C(=O)N7C=CC=C7O     </pre>	
306	 <p>Chemical structure of compound 306:</p> <pre>       N               C1=CC(F)(F)C(F)(F)=C2C=C(C=C2)N3CCCCC3C(=O)N4C=CC=C4S5=C(C=C5)C6=C(C=C6)N7CCCCC7C(=O)OCC=CC     </pre> <p>but-3-en-1-yl 4-[4-({[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]amino}-carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxylate</p>	
307	 <p>Chemical structure of compound 307:</p> <pre>       N               C1=CC=C(C=C1)N2CCCCC2C(=O)N3C=CC=C3S4=C(C=C4)C5=C(C=C5)N6CCCCC6C(=O)N7C=CC=C7OC8=CC=C8     </pre> <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-(1-[(2-furylmethyl)amino]-carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

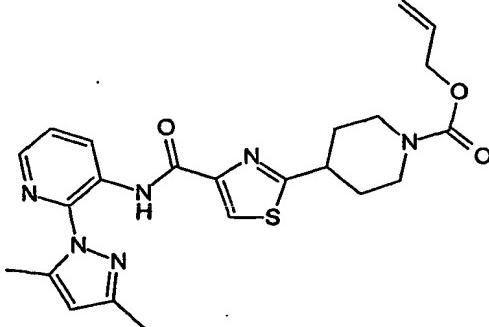
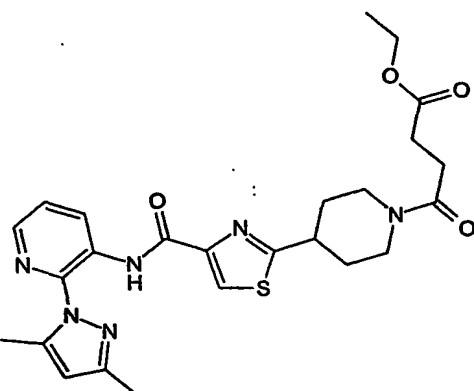
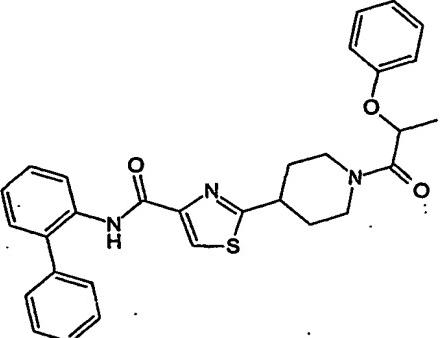
No.	FORMULA	NMR or mass
308		
309		
310		
311		

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No.	FORMULA	NMR or mass
312	 <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
313		
314		

No.	FORMULA	NMR or mass
315	 <p>N-(2-morpholin-4-ylphenyl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
316		
317	 <p>ethyl N-({4-[{[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}carbonyl]-1,3-thiazol-2-yl}piperidin-1-yl)carbonothioly)glycinate</p>	

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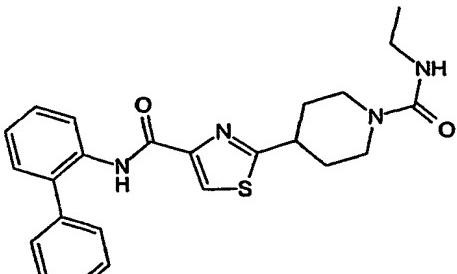
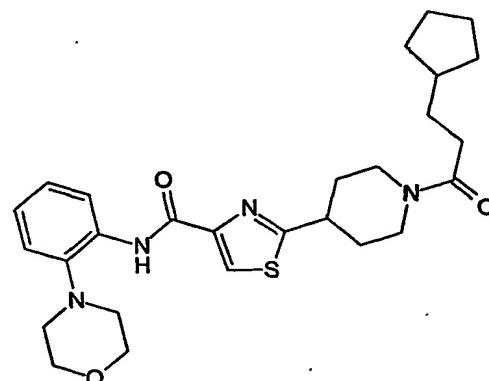
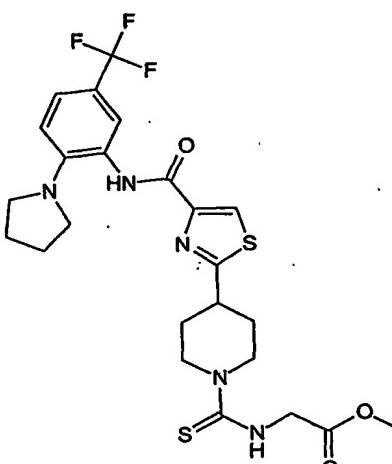
No.	FORMULA	NMR or mass
318		
319		
320		

No.	FORMULA	NMR or mass
321	<p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
322		
323	<p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-[1-(2-phenoxypropanoyl)-piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

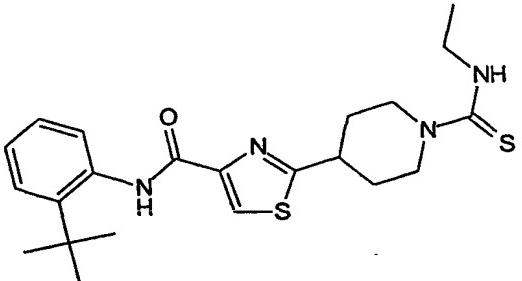
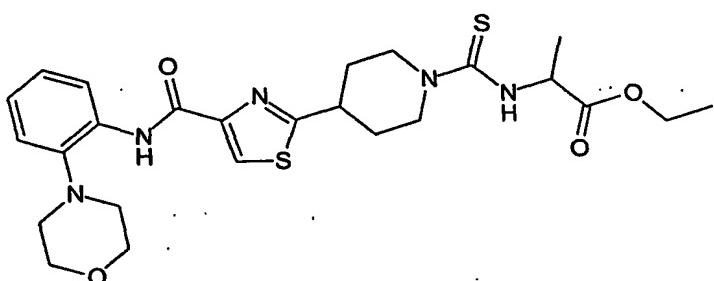
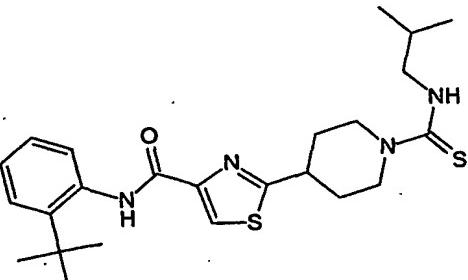
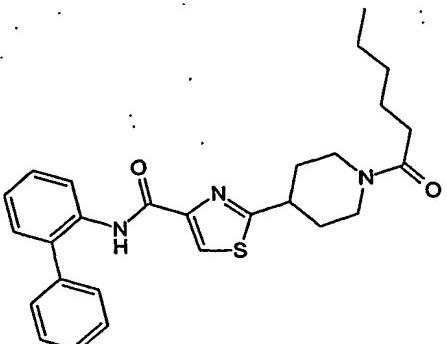
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No.	FORMULA	NMR or mass
324		
325		
326		

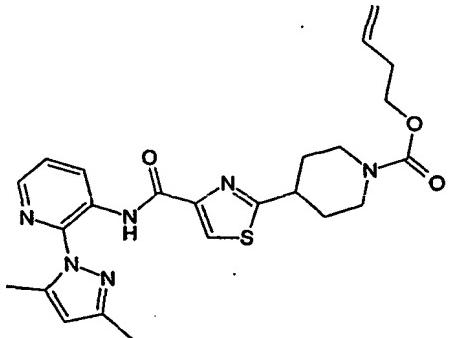
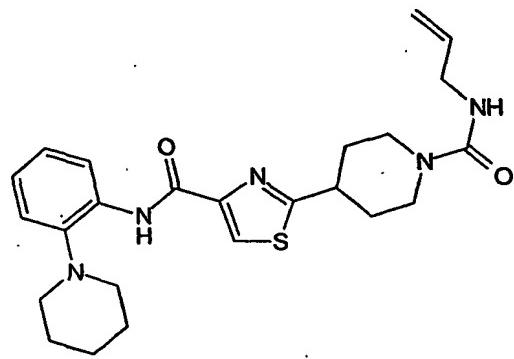
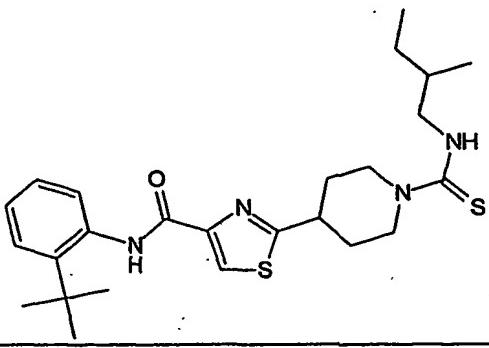
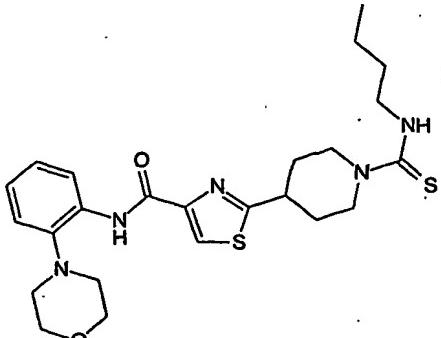
- 171 -

No.	FORMULA	NMR or mass
327		
328		
329	 <p data-bbox="301 1763 1126 1848">methyl N-(4-[4-((2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino)-carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl)glycinate</p>	

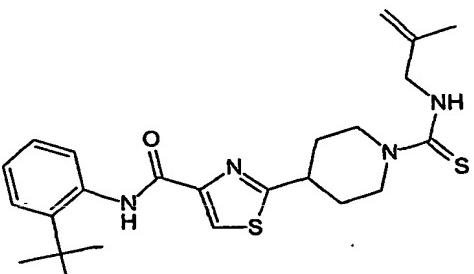
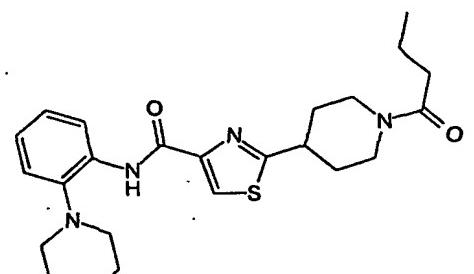
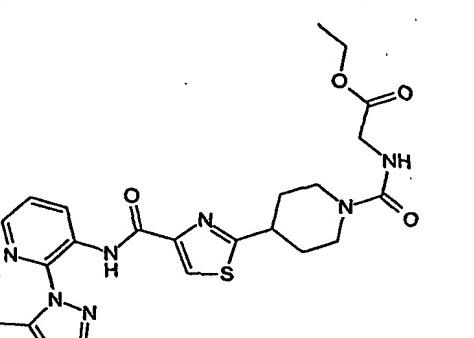
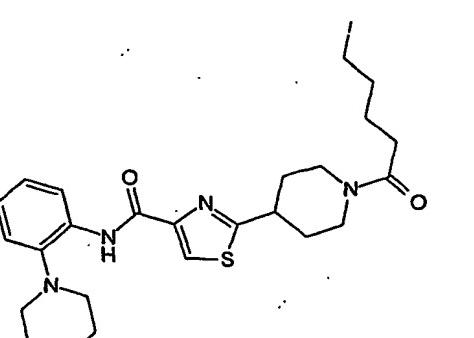
- 172 -

No.	FORMULA	NMR or mass
330		
331		
332		
333		

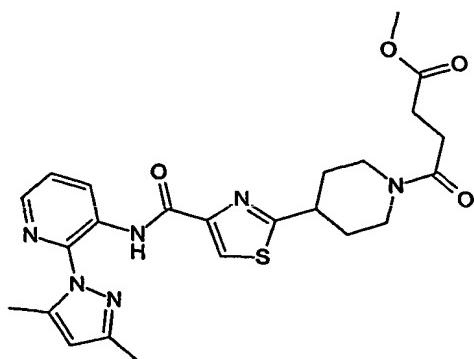
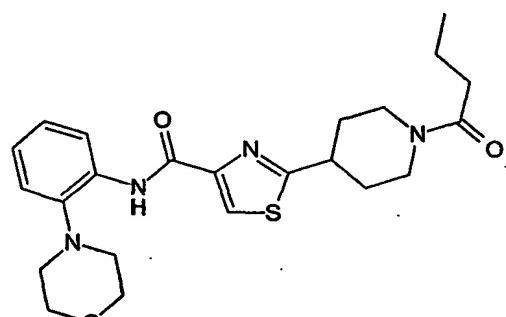
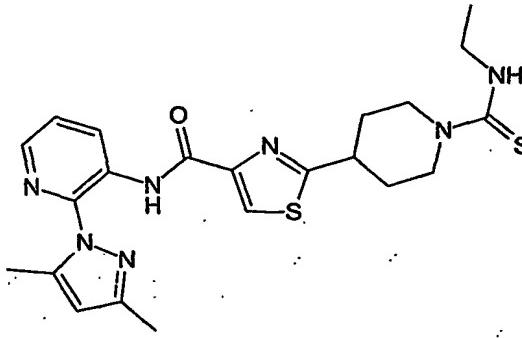
- 173 -

No.	FORMULA	NMR or mass
334		
335		
336		
337		

- 174 -

No.	FORMULA	NMR or mass
338		
339		
340		
341		

- 175 -

No.	FORMULA	NMR or mass
342		
343		
344		

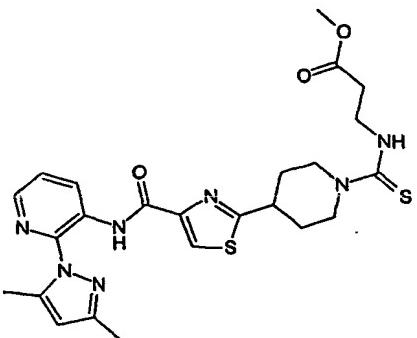
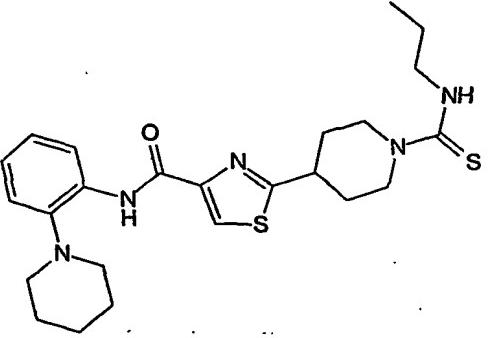
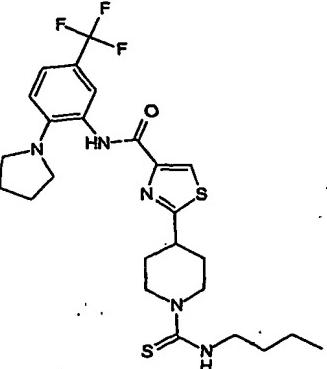
- 176 -

No.	FORMULA	NMR or mass
345		
346		
347		

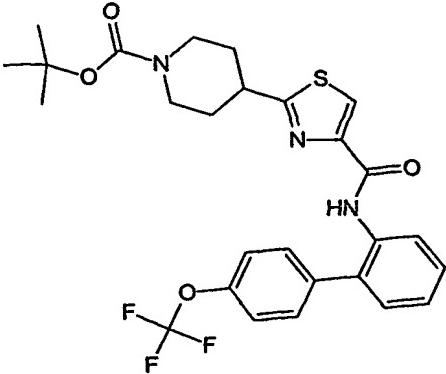
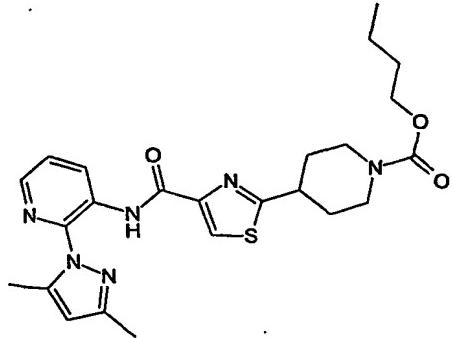
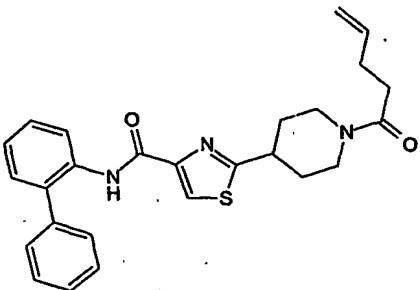
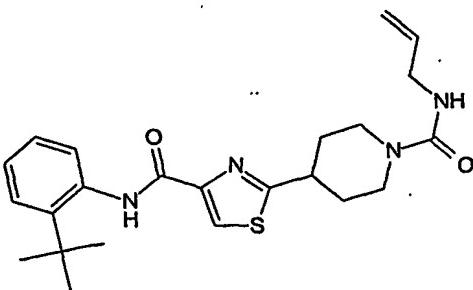
- 177 -

No.	FORMULA	NMR or mass
348		
349		
350		

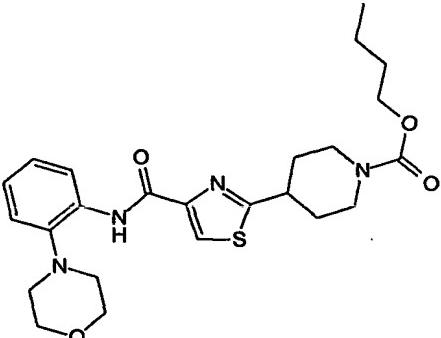
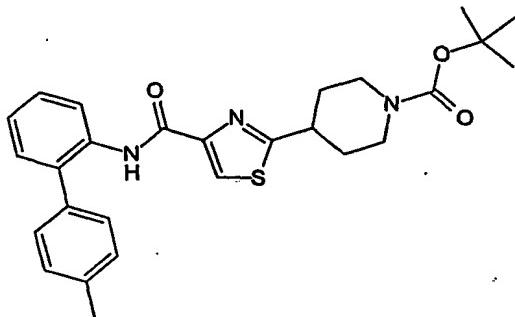
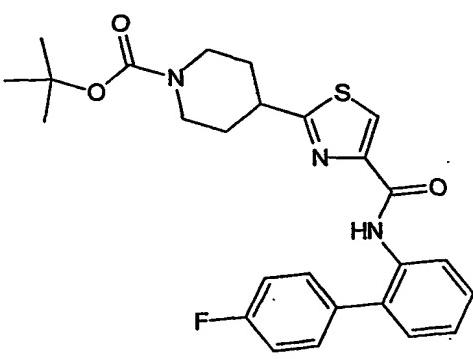
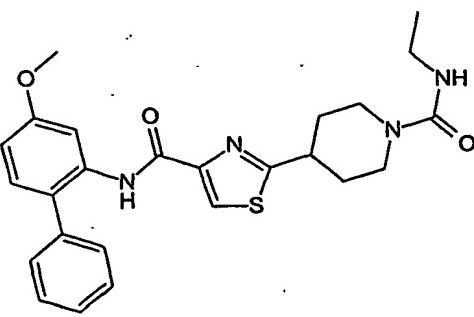
- 178 -

No.	FORMULA	NMR or mass
351	 <p>methyl N-{4-[4-({[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]amino}-carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl}-beta-alaninate</p>	
352		
353	 <p>2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	

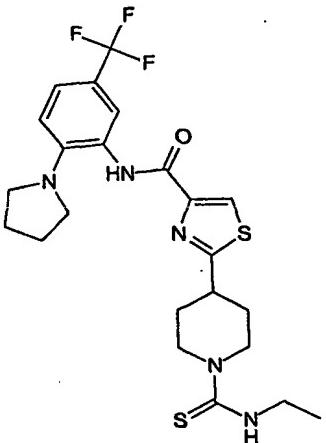
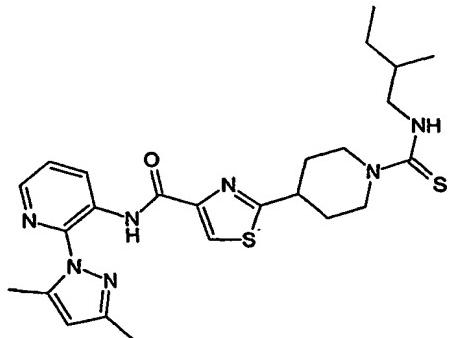
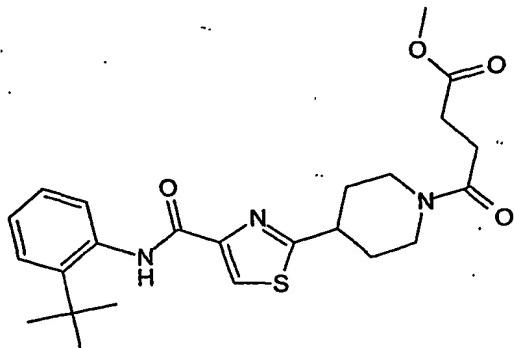
- 179 -

No.	FORMULA	NMR or mass
354		
355		
356		
357		

- 180 -

No.	FORMULA	NMR or mass
358		
359		
360		
361		

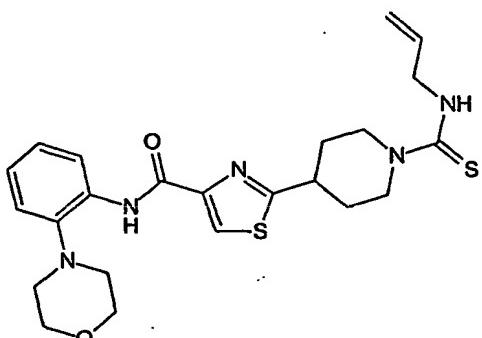
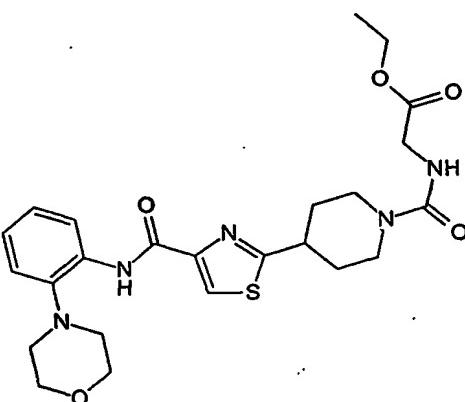
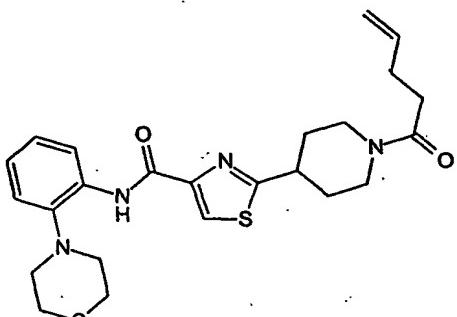
- 181 -

No.	FORMULA	NMR or mass
362	 <p>2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
363	 <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-(1-[(2-methylbutyl)amino]carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
364		

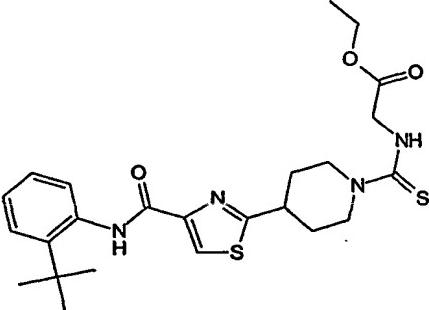
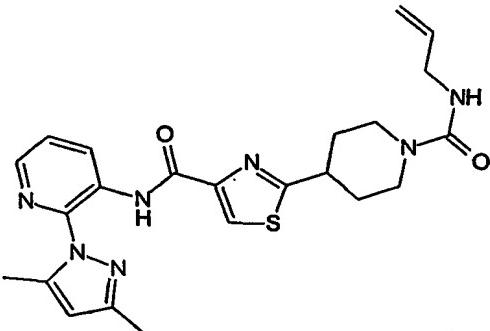
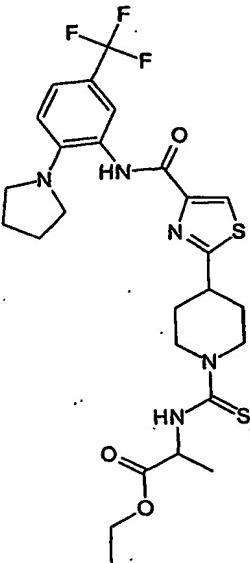
- 182 -

No.	FORMULA	NMR or mass
365		
366	<p>2-{1-[(allylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
367		

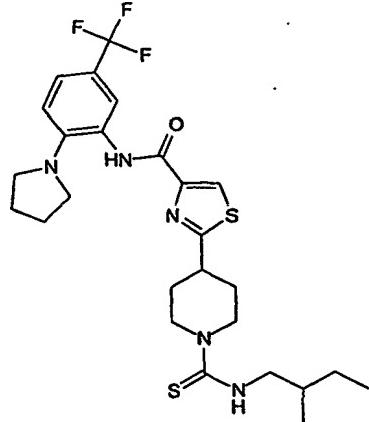
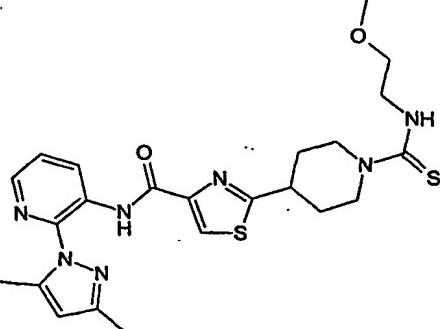
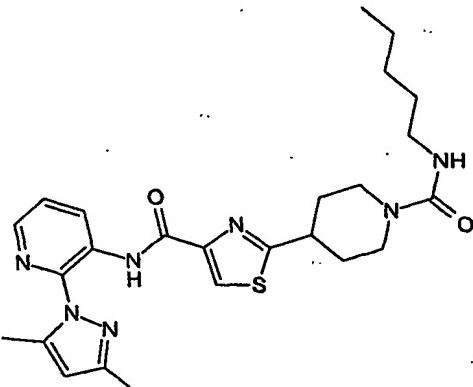
- 183 -

No.	FORMULA	NMR or mass
368		
369		
370		

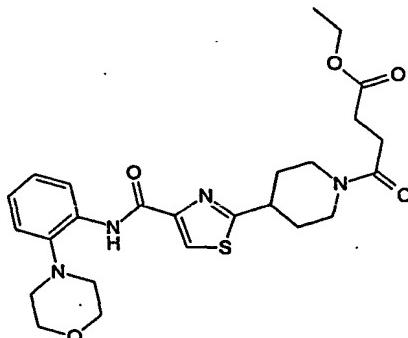
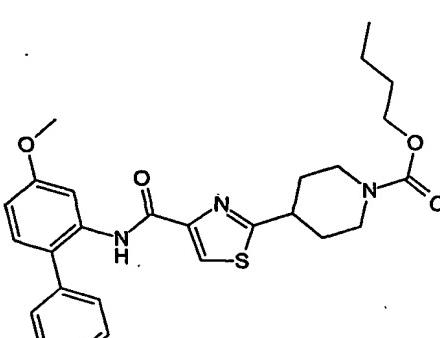
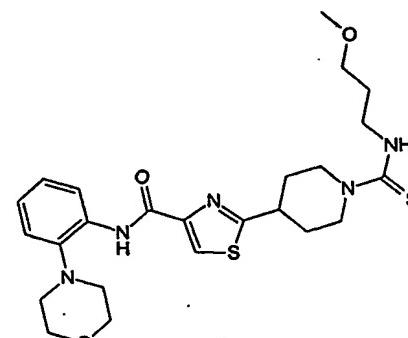
- 184 -

No.	FORMULA	NMR or mass
371		
372		
373	 <p>ethyl N-({4-[{[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}carbonyl]-1,3-thiazol-2-yl}piperidin-1-yl)carbonothioyl)alaninate</p>	

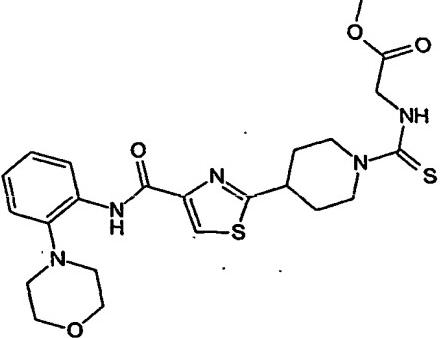
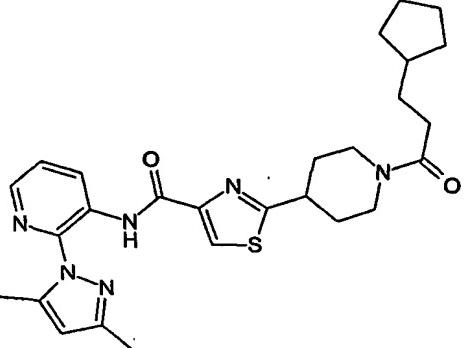
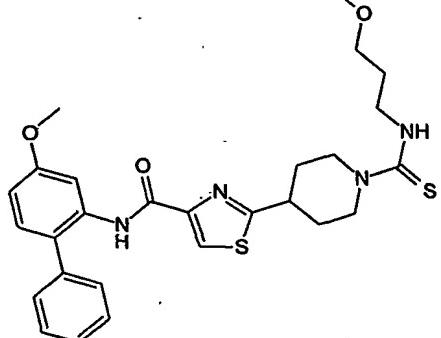
- 185 -

No.	FORMULA	NMR or mass
374	 <p>2-(1-{{(2-methylbutyl)amino}carbonothioyl}piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
375		
376		

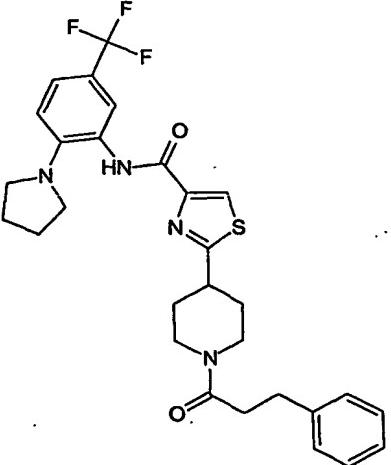
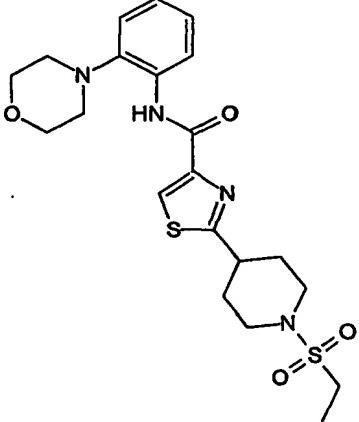
- 186 -

No.	FORMULA	NMR or mass
377		
378		
379		

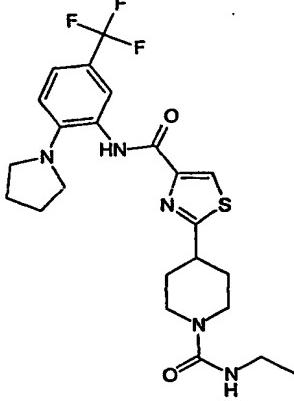
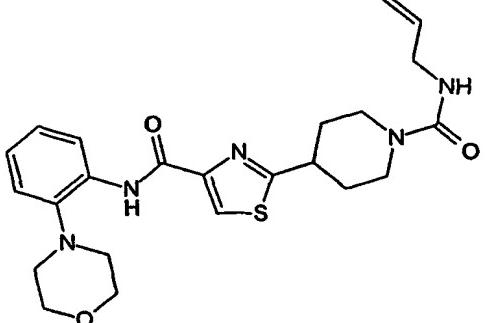
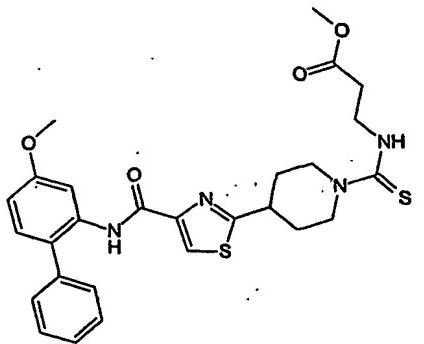
- 187 -

No.	FORMULA	NMR or mass
380		
381		
382		

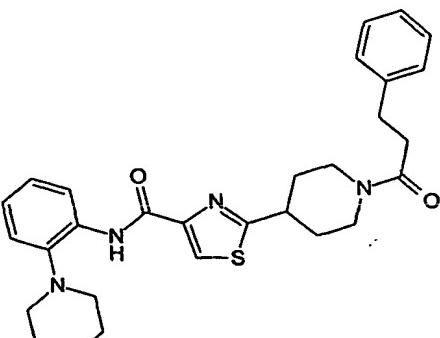
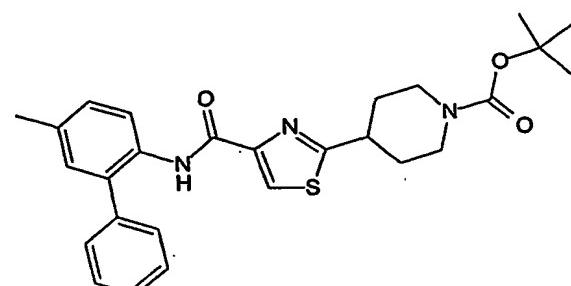
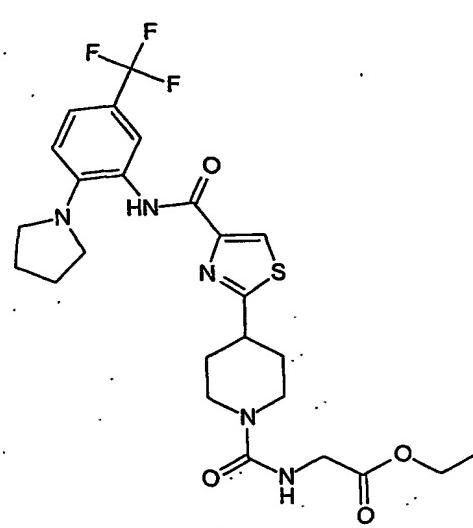
- 188 -

No.	FORMULA	NMR or mass
383	 <p>2-[1-(3-phenylpropanoyl)piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
384	 <p>2-[1-(ethylsulfonyl)piperidin-4-yl]-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide</p>	

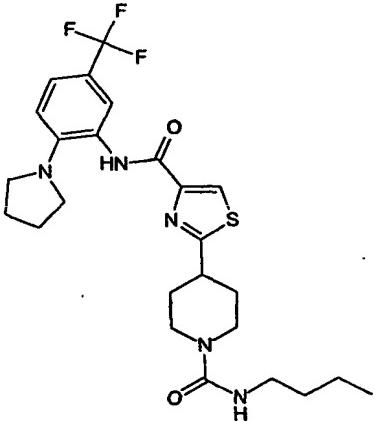
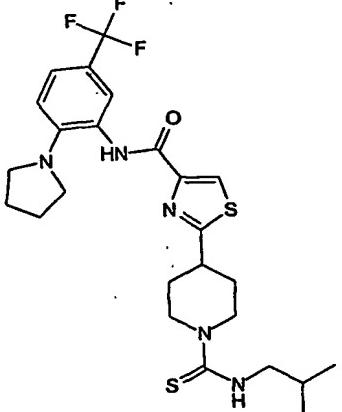
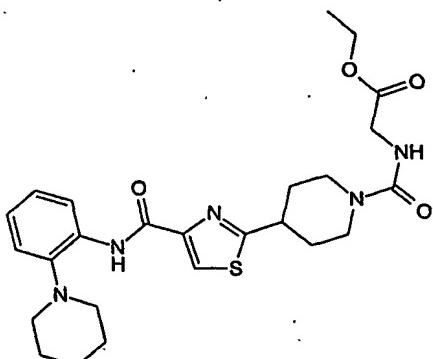
- 189 -

No.	FORMULA	NMR or mass
385	 <p>N-ethyl-4-[4-((2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl)amino)carbonyl]-1,3-thiazol-2-yl)piperidine-1-carboxamide</p>	
386		
387		

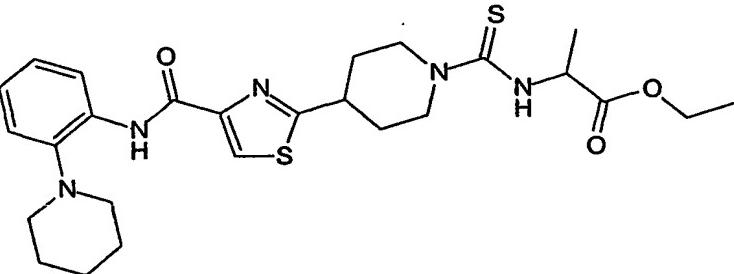
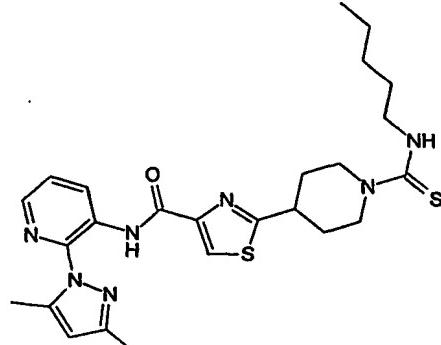
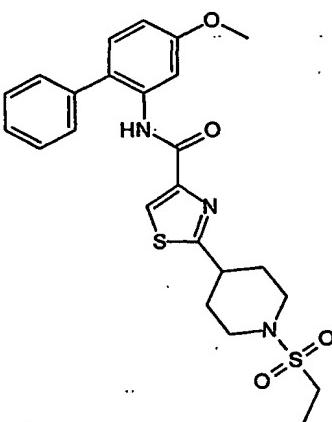
- 190 -

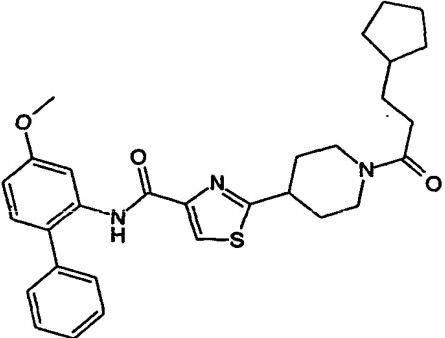
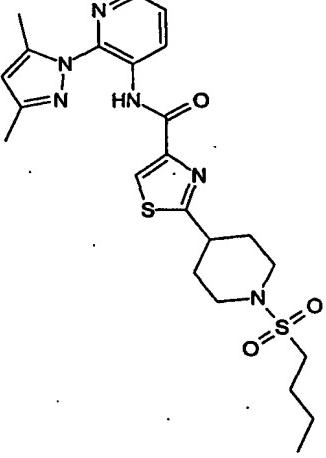
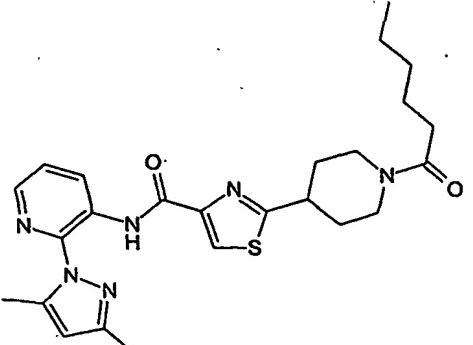
No.	FORMULA	NMR or mass
388	 <p>Chemical structure 388: A complex molecule containing a piperazine ring, a thiazole ring, and a phenyl group.</p>	
389	 <p>Chemical structure 389: A complex molecule containing a piperazine ring, a thiazole ring, and a tert-butyl ester group.</p>	
390	 <p>Chemical structure 390: A complex molecule containing a piperazine ring, a thiazole ring, and a trifluoromethylphenyl group.</p> <p>ethyl N-({4-[4-({[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonyl)glycinate</p>	

No.	FORMULA	NMR or mass
391		
392		
393		
394		

No.	FORMULA	NMR or mass
395	 <p>N-butyl-4-{4-((2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl)amino)carbonyl}-1,3-thiazol-2-yl)piperidine-1-carboxamide</p>	
396	 <p>2-{1-[(isobutylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
397		

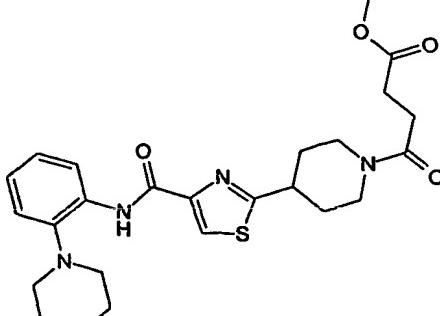
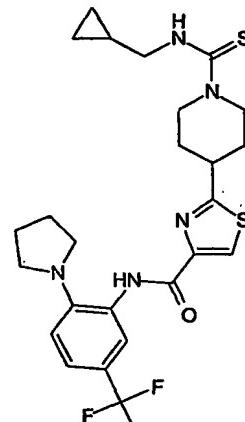
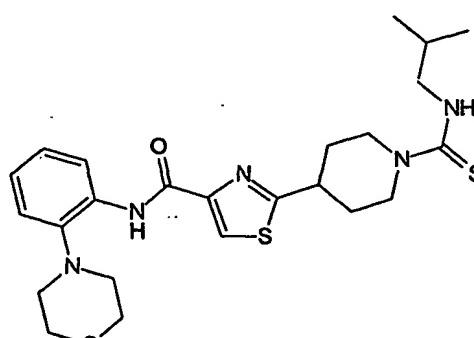
- 193 -

No.	FORMULA	NMR or mass
398		
399		
400		

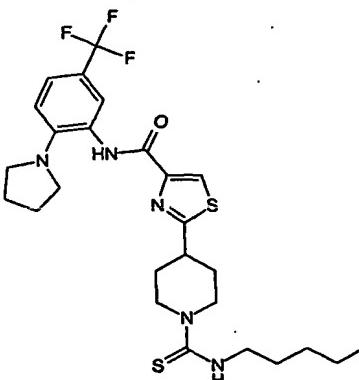
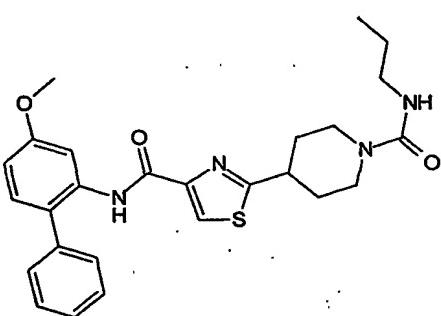
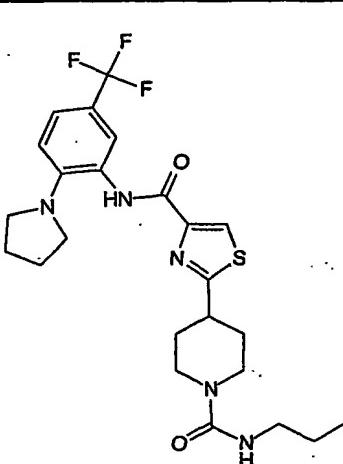
No.	FORMULA	NMR or mass
401		
402	 <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	
403		

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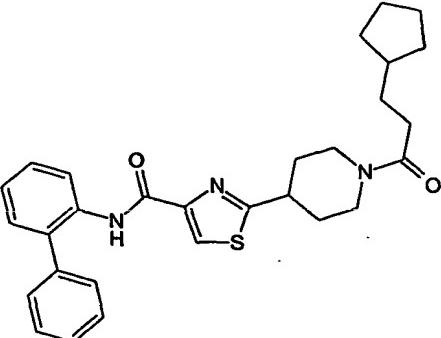
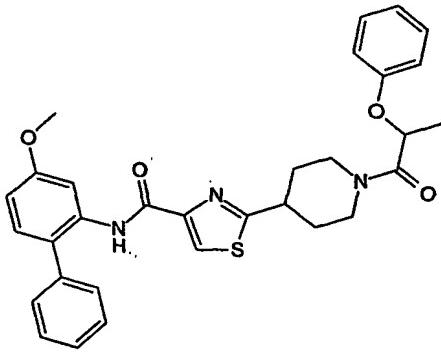
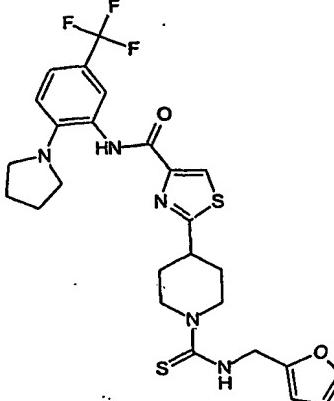
No.	FORMULA	NMR or mass
404		
405		
406		
407		

No.	FORMULA	NMR or mass
408		
409	 <p>2-(1-{{(cyclopropylmethyl)amino}carbonothioyl}piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
410		

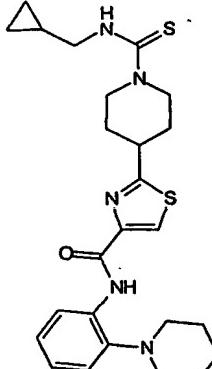
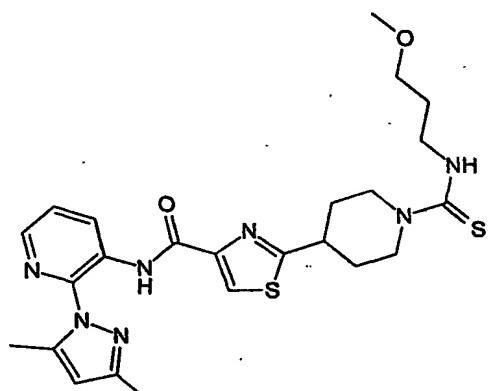
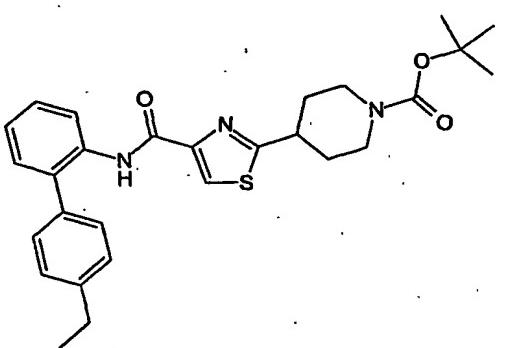
- 197 -

No.	FORMULA	NMR or mass
411	 <p>2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
412		
413	 <p>N-propyl-4-{[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]amino}carbonyl-1,3-thiazol-2-yl)piperidine-1-carboxamide</p>	

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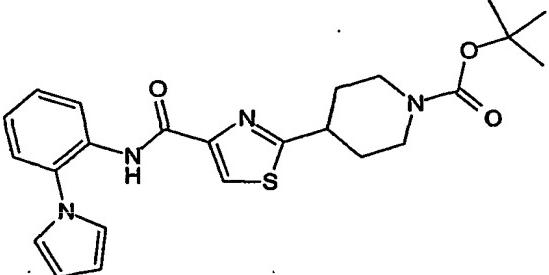
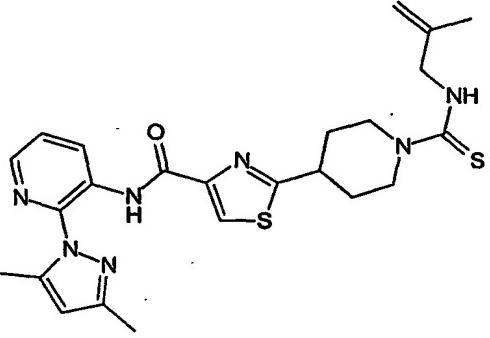
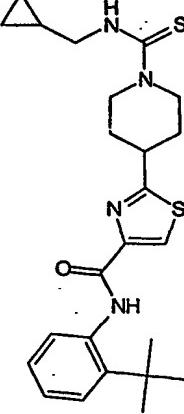
No.	FORMULA	NMR or mass
414		
415		
416	 <p>2-(1-[(2-furylmethyl)amino]carbonothioyl)piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
417	 <p>2-(1-[(cyclopropylmethyl)amino]carbonothioyl)piperidin-4-yl)-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
418		
419		

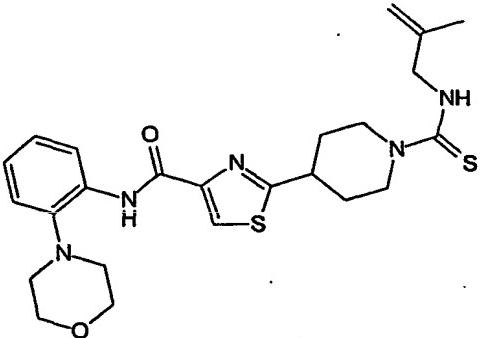
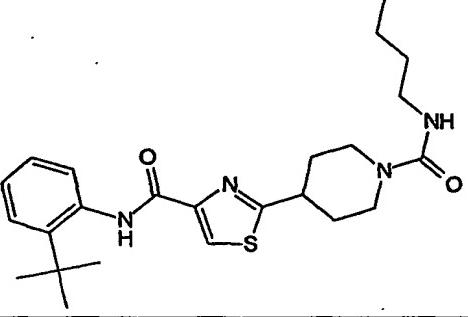
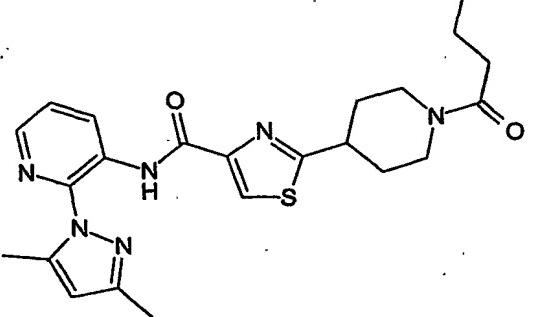
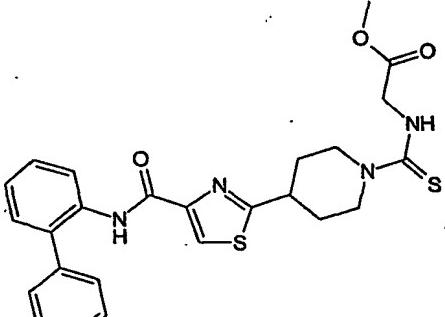
- 200 -

No.	FORMULA	NMR or mass
420		
421		
422		
423		

No.	FORMULA	NMR or mass
424		
425		
426	 <p data-bbox="290 1564 1139 1628">N-(2-tert-butylphenyl)-2-(1-[(cyclopropylmethyl)amino]carbonothioyl)-1,3-thiazole-4-carboxamide</p>	

- 202 -

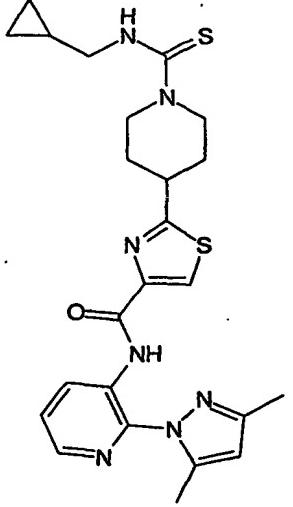
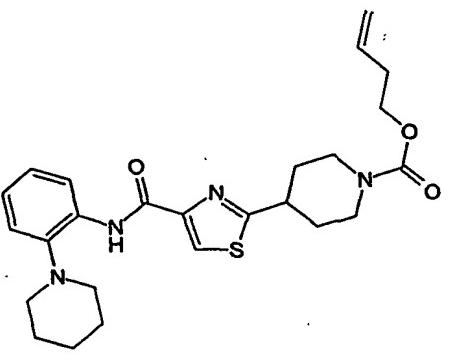
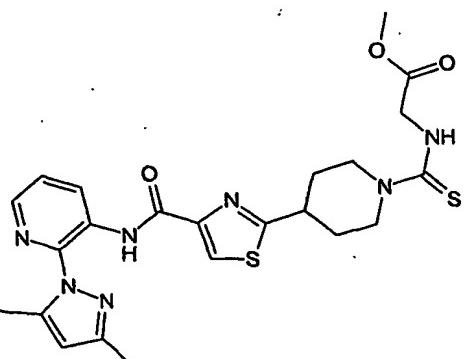
No.	FORMULA	NMR or mass
427		
428		
429		

No.	FORMULA	NMR or mass
430	 <p>Chemical structure 430: A substituted thiazole derivative linked to a piperazine ring, which is further substituted with a prop-1-enyl group.</p>	
431	 <p>Chemical structure 431: A substituted thiazole derivative linked to a piperazine ring, which is further substituted with a butyl group.</p>	
432	 <p>Chemical structure 432: A substituted thiazole derivative linked to a piperazine ring, which is further substituted with a propyl group.</p>	
433	 <p>Chemical structure 433: A substituted thiazole derivative linked to a piperazine ring, which is further substituted with a 2-methoxyethyl group.</p>	

- 204 -

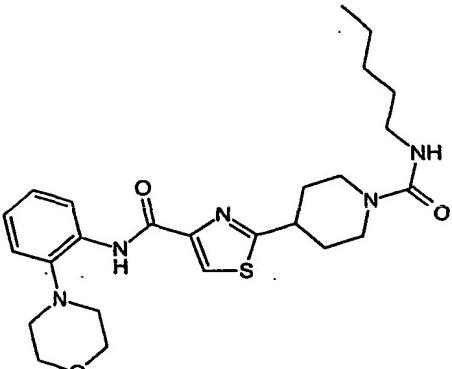
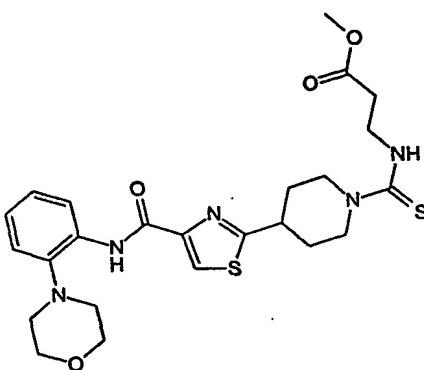
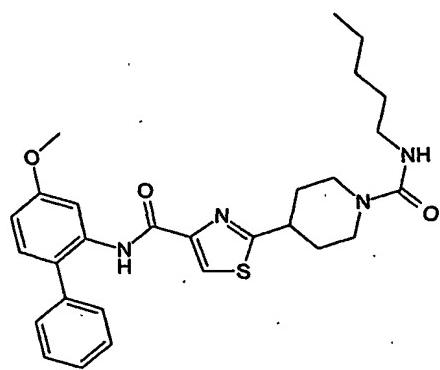
No.	FORMULA	NMR or mass
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435		
436		

- 205 -

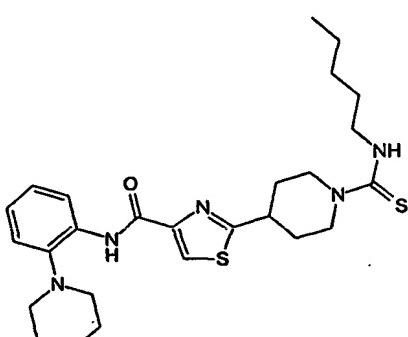
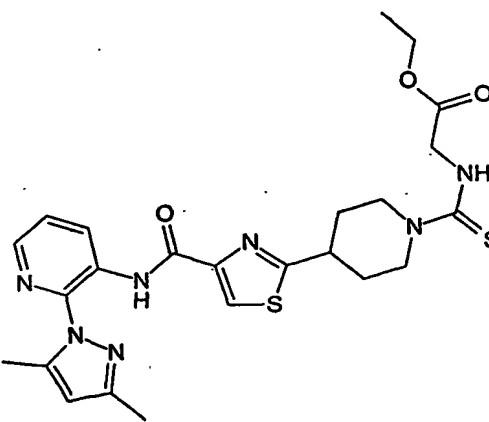
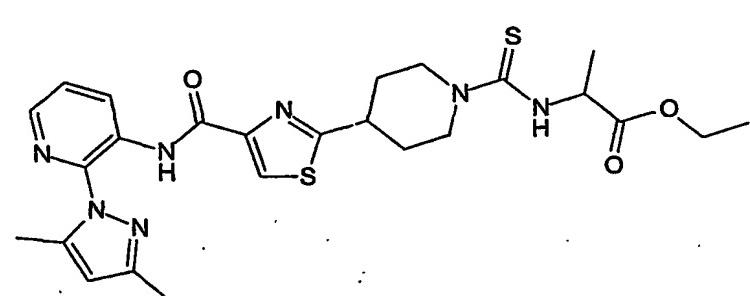
No.	FORMULA	NMR or mass
437	 <p>2-(1-((cyclopropylmethyl)amino)carbonothioyl)piperidin-4-yl)-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	
438		
439		

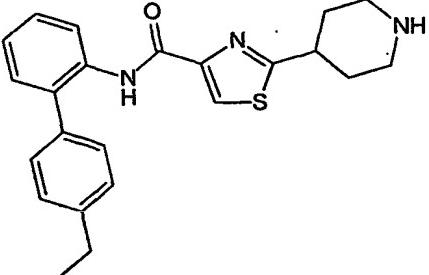
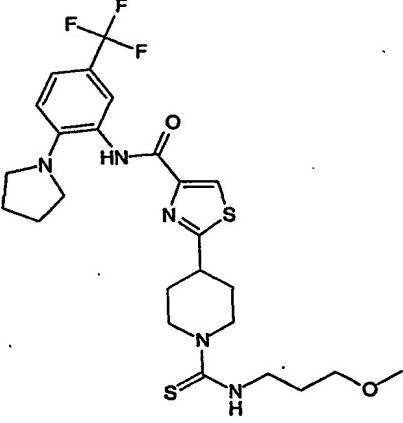
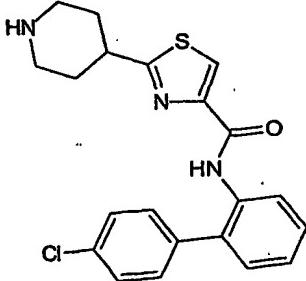
No.	FORMULA	NMR or mass
440	<p>Chemical structure 440: N-hexyl-4-(2-(4-(1-methylcyclohexylamino)phenyl)-5-thiazolylmethyl)pyridine-2-carbohydrazide</p>	
441	<p>Chemical structure 441: N-pentyl-4-[4-((2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl)amino)carbonyl]-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	
442	<p>Chemical structure 442: N-allyl-4-[4-((2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl)amino)carbonyl]-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	

- 207 -

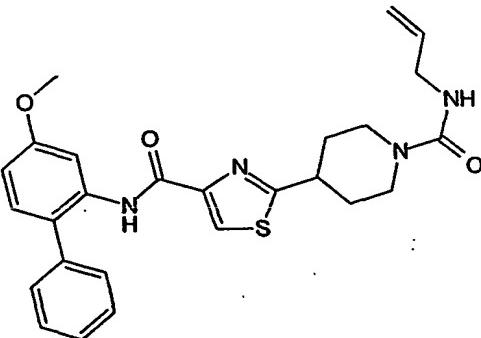
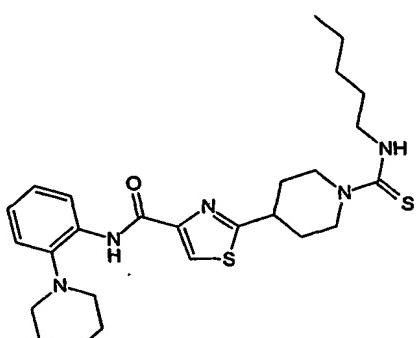
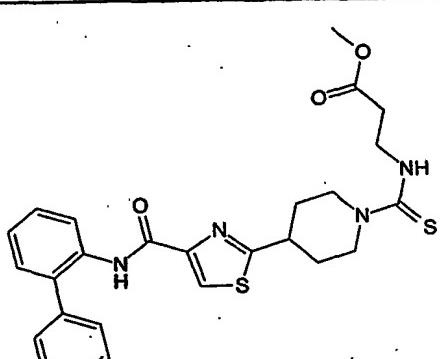
No.	FORMULA	NMR or mass
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444		
445		

- 208 -

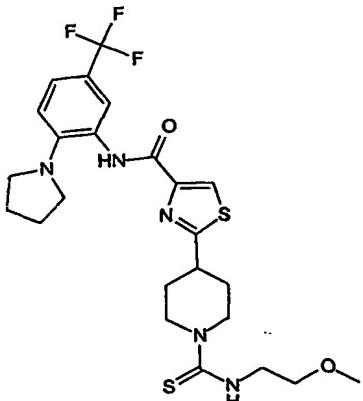
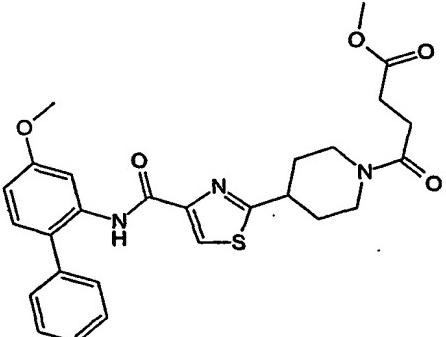
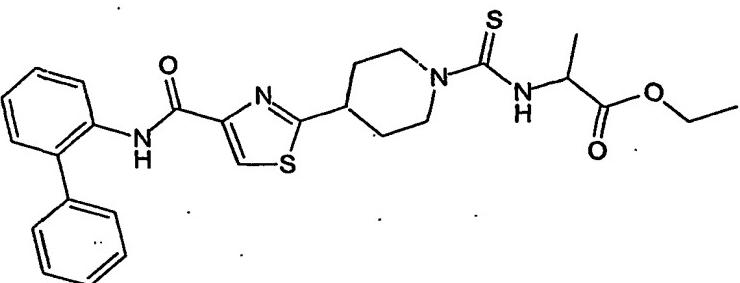
No.	FORMULA	NMR or mass
446		
447		
448		

No.	FORMULA	NMR or mass
449		
450	 <p>2-(1-{{(3-methoxypropyl)amino}carbonothioyl}piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
451		

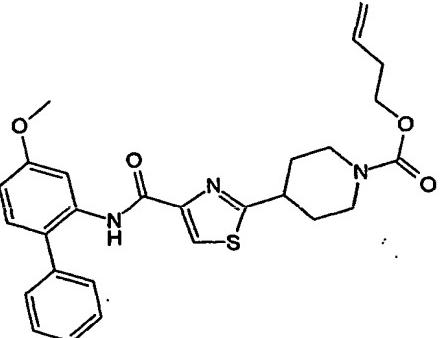
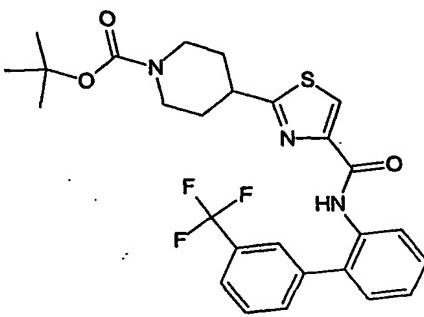
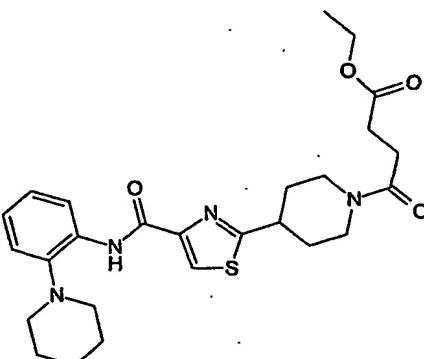
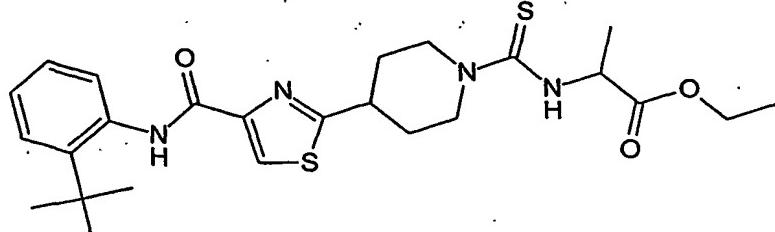
- 210 -

No.	FORMULA	NMR or mass
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453		
454		

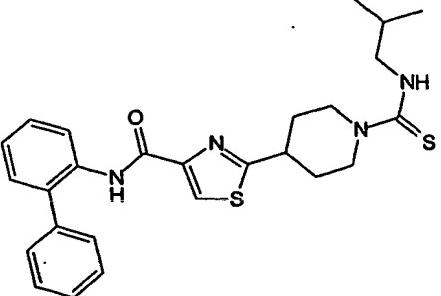
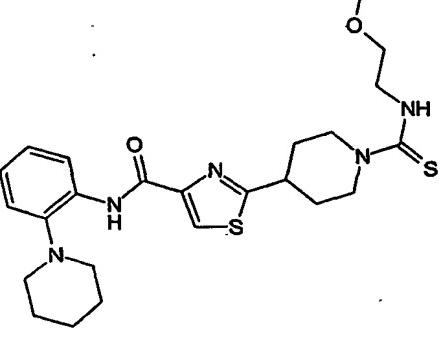
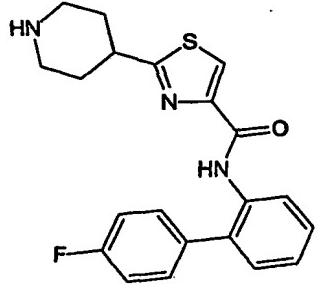
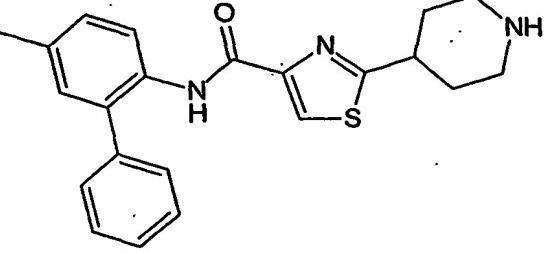
- 211 -

No.	FORMULA	NMR or mass
455	 <p>2-(1-[(2-methoxyethyl)amino]carbonothioyl)piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
456		
457		

- 212 -

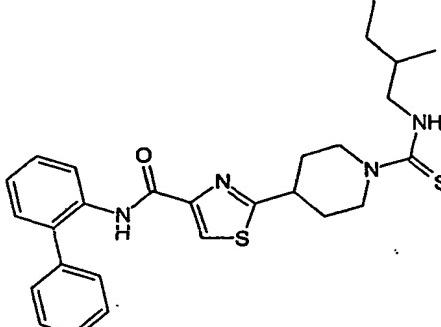
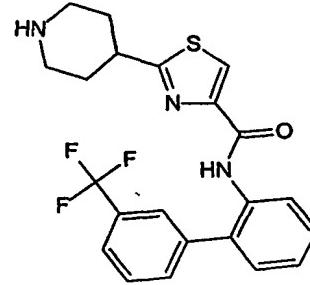
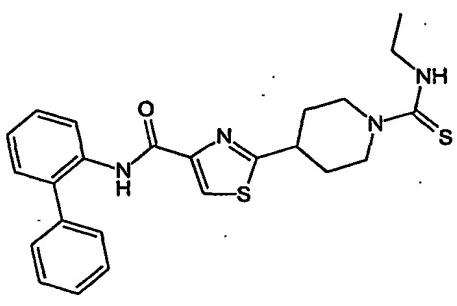
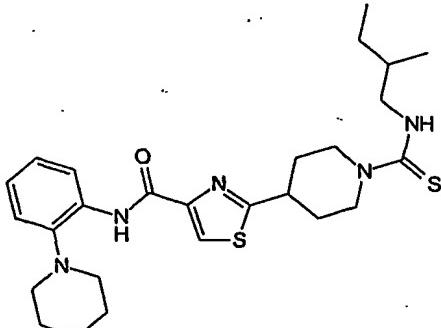
No.	FORMULA	NMR or mass
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459		
460		
461		

- 213 -

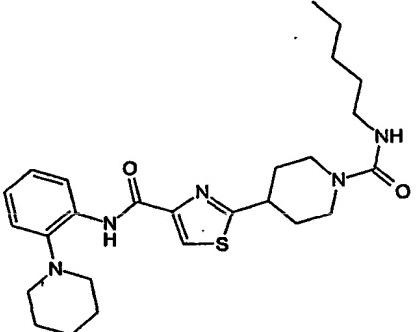
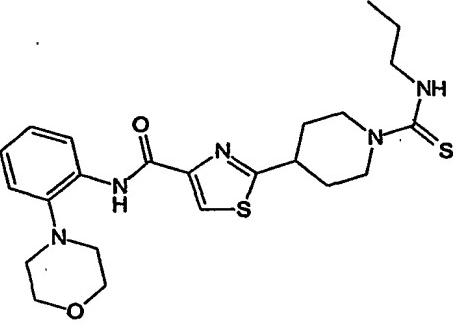
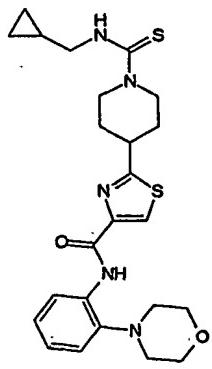
No.	FORMULA	NMR or mass
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463		
464		
465		

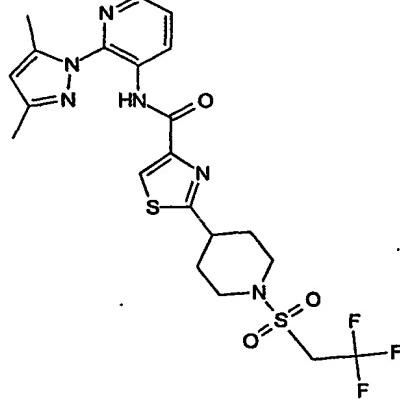
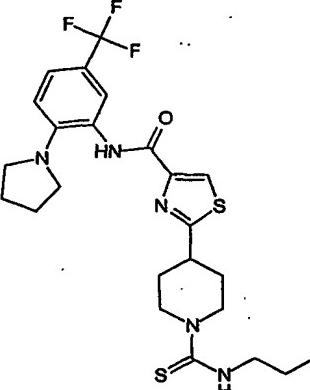
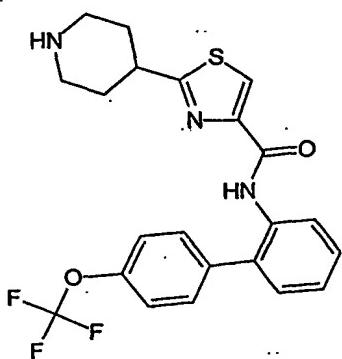
No.	FORMULA	NMR or mass
466		
467		
468	<p data-bbox="279 1543 1225 1636">N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-[1-(propylsulfonyl)-piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
469		
470		
471		
472		

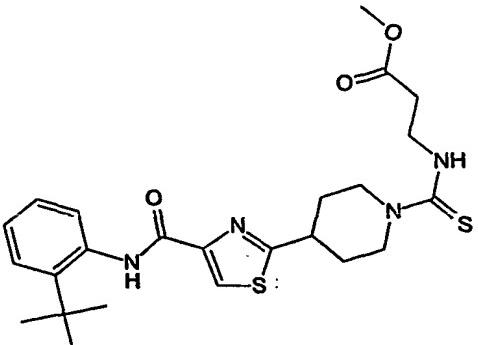
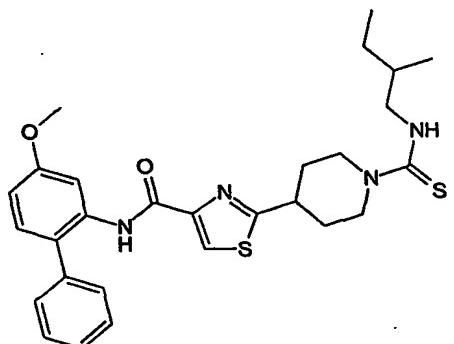
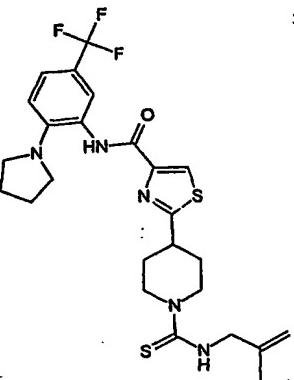
No.	FORMULA	NMR or mass
473		
474		
475		
476		

- 217 -

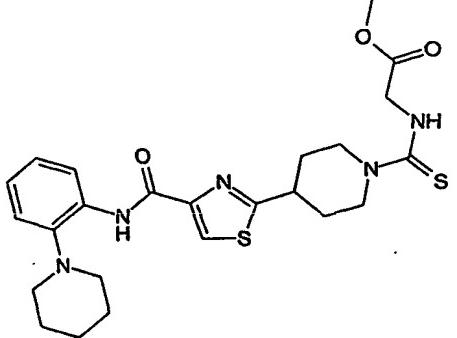
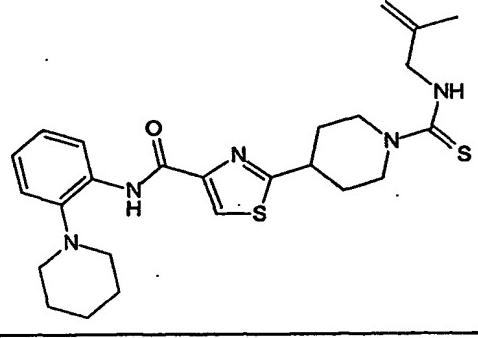
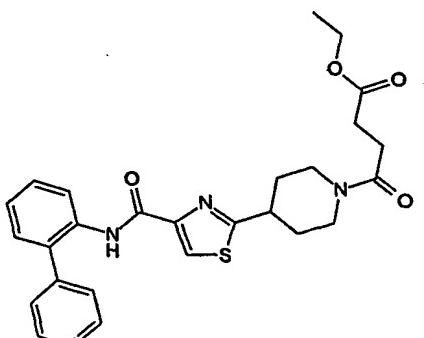
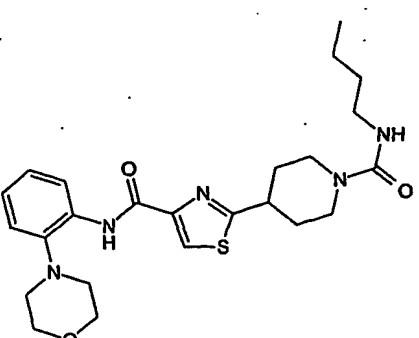
No.	FORMULA	NMR or mass
477		
478		
479	 <p data-bbox="285 1552 1101 1615">2-(1-{{(cyclopropylmethyl)amino}carbonothioyl}piperidin-4-yl)-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide</p>	

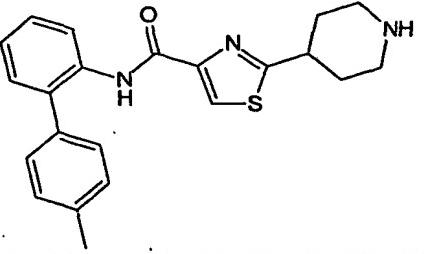
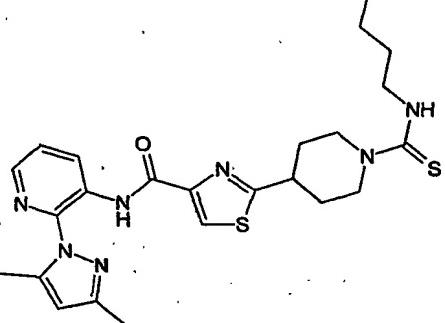
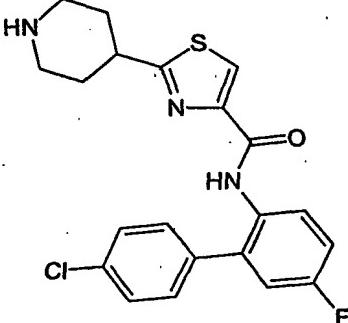
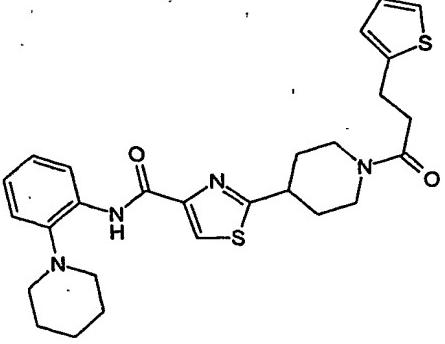
No.	FORMULA	NMR or mass
480	 <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
481	 <p>2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
482		

- 219 -

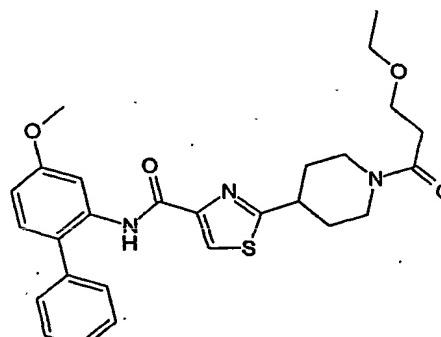
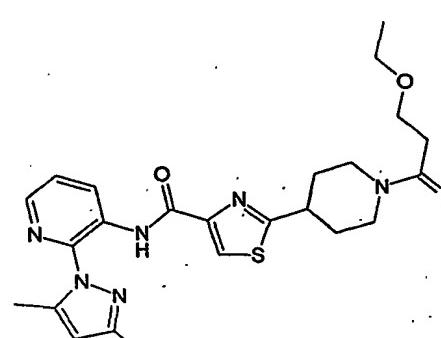
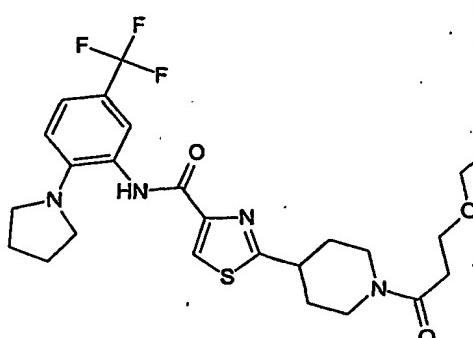
No.	FORMULA	NMR or mass
483		
484		
485	 <p data-bbox="285 1552 1150 1615">2-{[(2-methylprop-2-en-1-yl)amino]carbonothioyl}piperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	

- 220 -

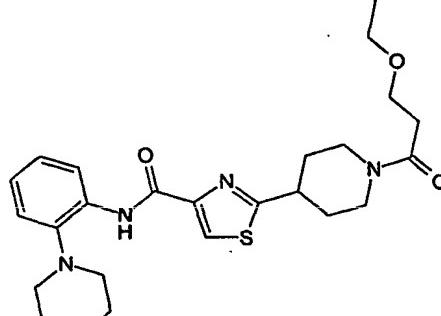
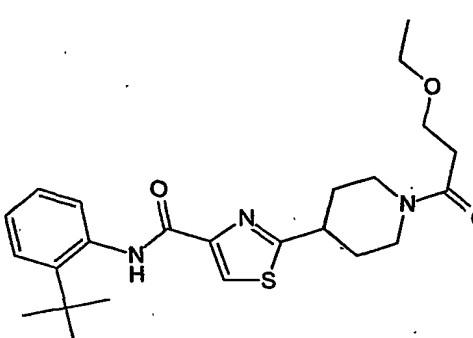
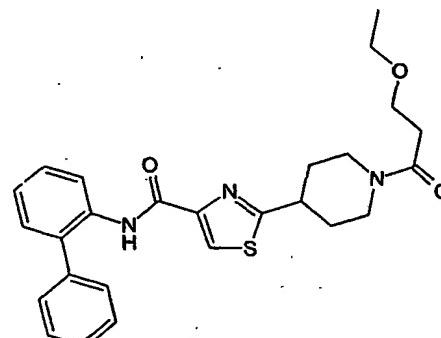
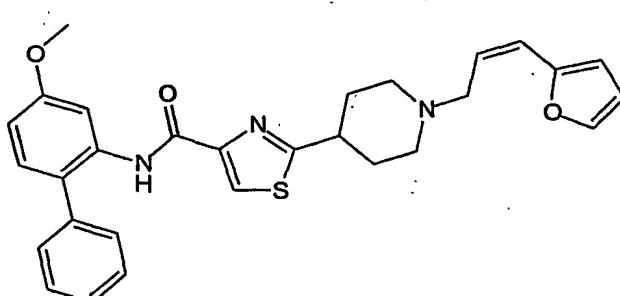
No.	FORMULA	NMR or mass
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487		
488		
489		

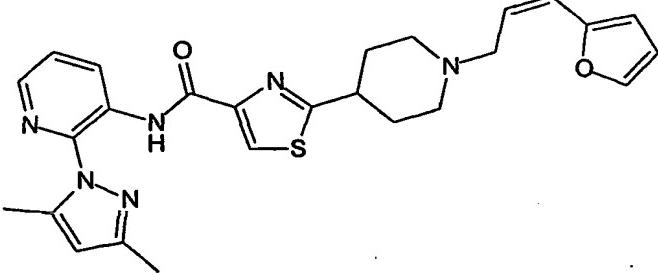
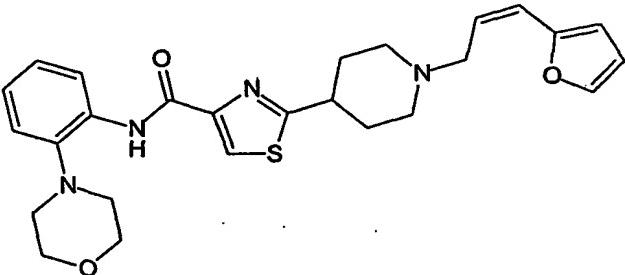
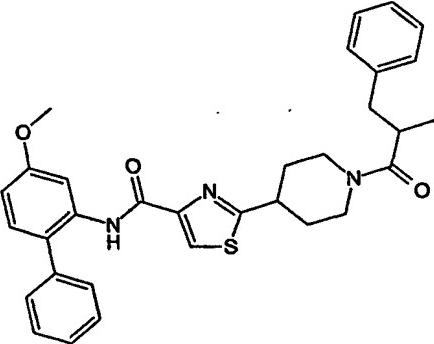
No.	FORMULA	NMR or mass
490		
491	 <p data-bbox="279 1015 1127 1079">2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	
492		
493		

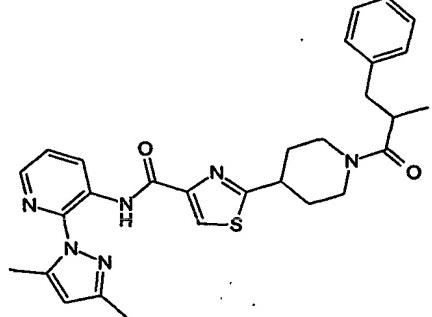
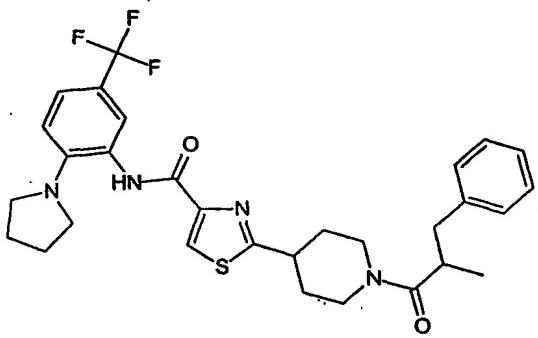
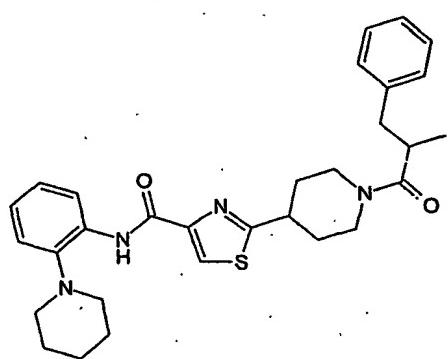
- 222 -

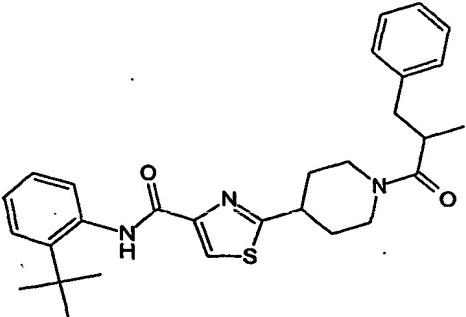
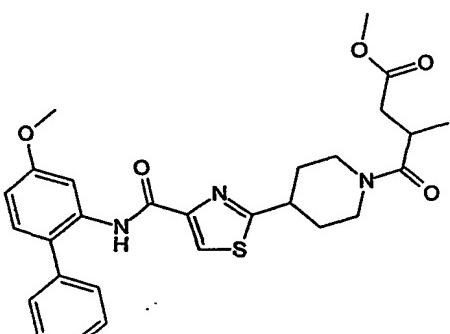
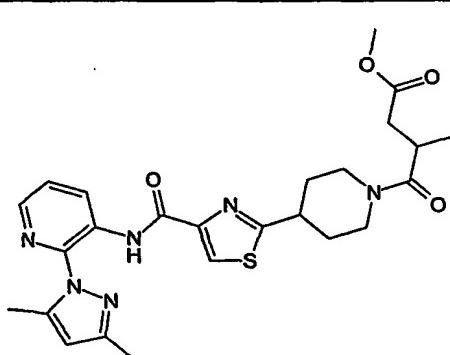
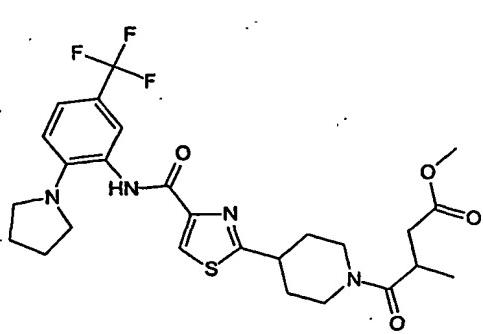
No.	FORMULA	NMR or mass
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495		
496		

- 223 -

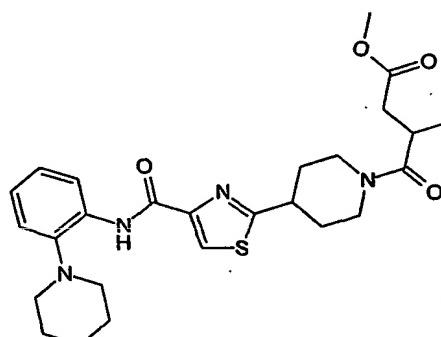
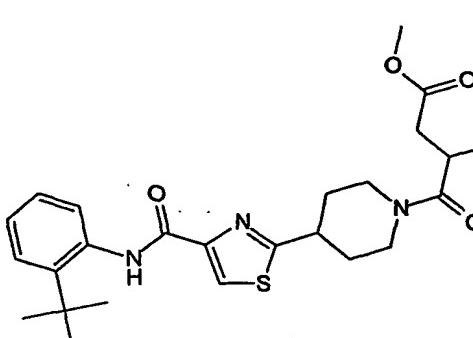
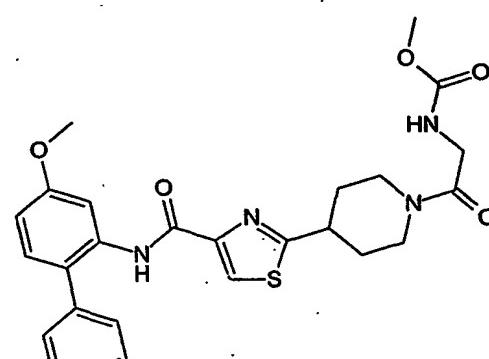
No.	FORMULA	NMR or mass
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498		
499		
500		

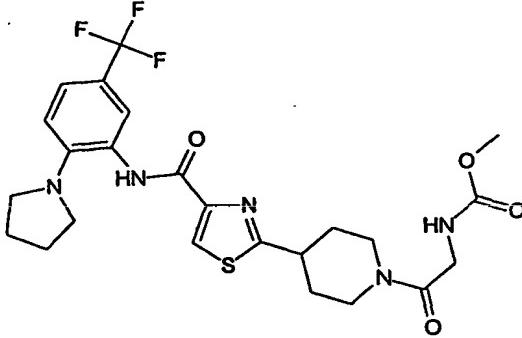
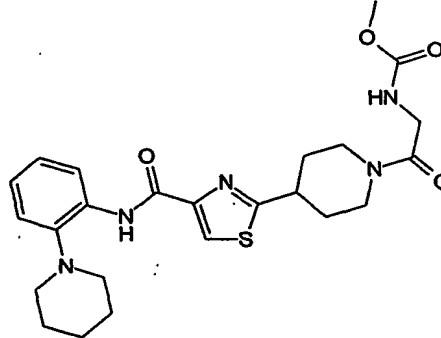
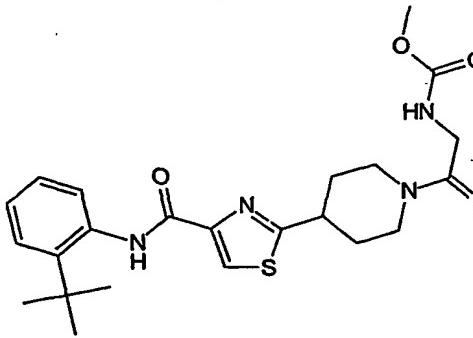
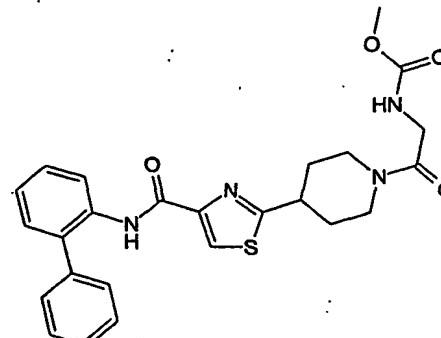
No.	FORMULA	NMR or mass
501		
502		
503		

No.	FORMULA	NMR or mass
504	 <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-[1-(2-methyl-3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
505		
506		

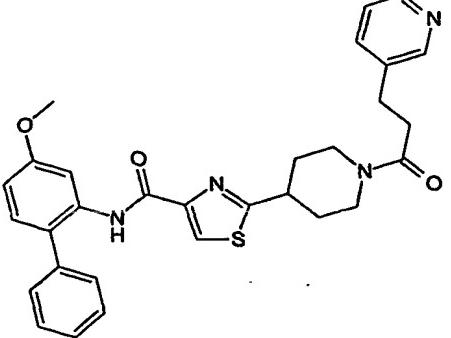
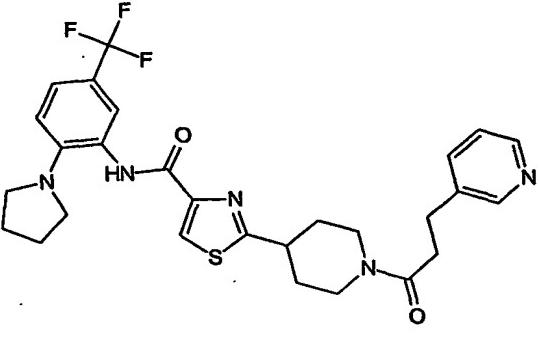
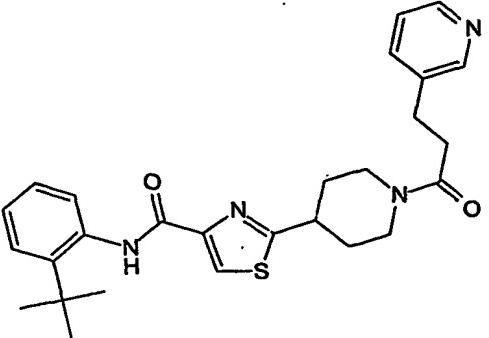
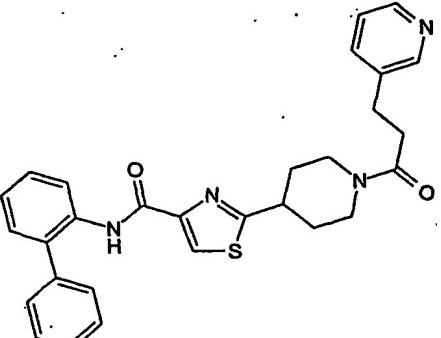
No.	FORMULA	NMR or mass
507	 <p>Chemical structure 507: A substituted thiazole derivative linked to a piperidine ring, which is further substituted with a phenylpropyl group and a carbamoyl group.</p>	
508	 <p>Chemical structure 508: A substituted thiazole derivative linked to a piperidine ring, which is further substituted with a benzyl group and a carbamoyl group.</p>	
509	 <p>Chemical structure 509: A substituted thiazole derivative linked to a piperidine ring, which is further substituted with a 2-pyridylmethyl group and a carbamoyl group.</p>	
510	 <p>Chemical structure 510: A substituted thiazole derivative linked to a piperidine ring, which is further substituted with a 4-(trifluoromethyl)phenyl group and a carbamoyl group.</p>	

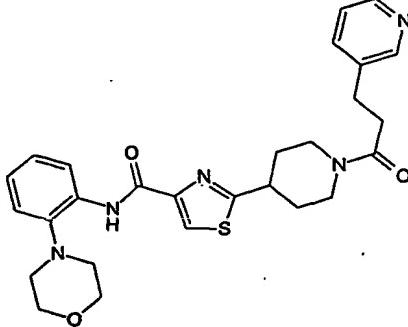
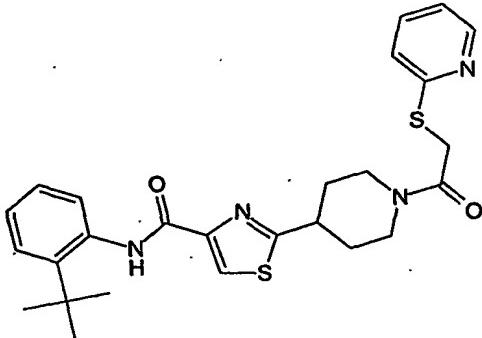
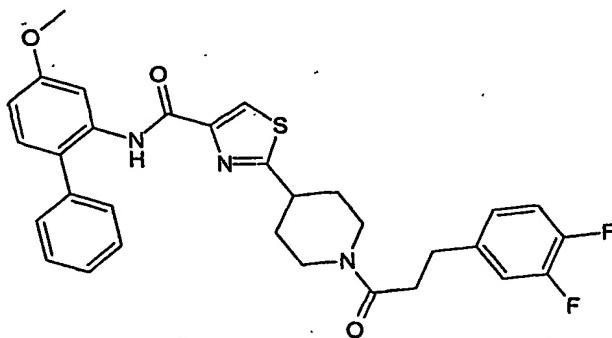
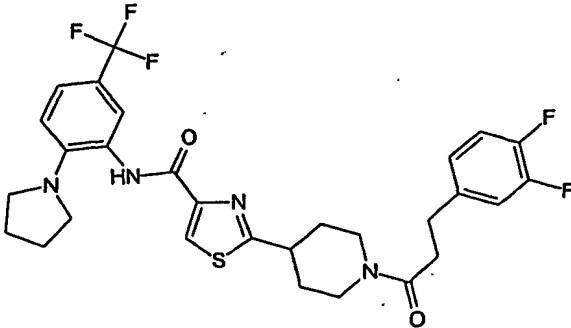
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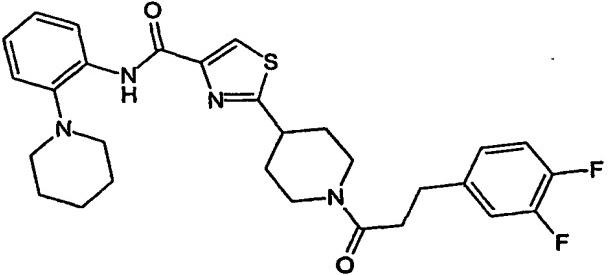
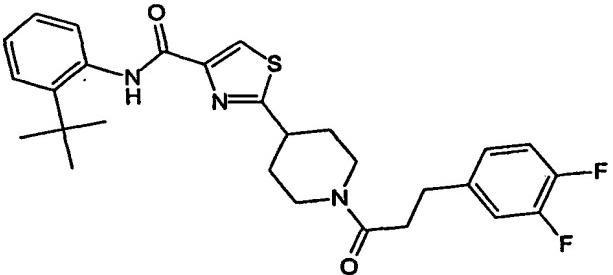
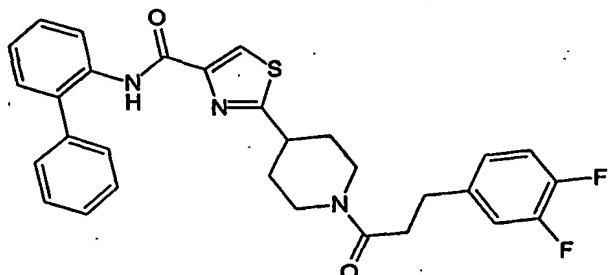
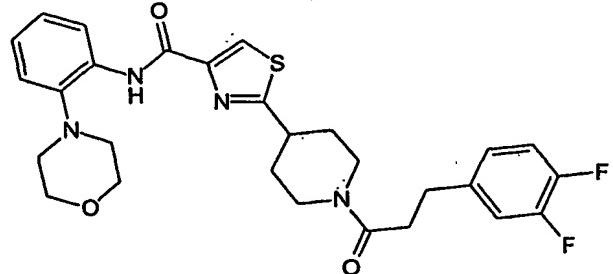
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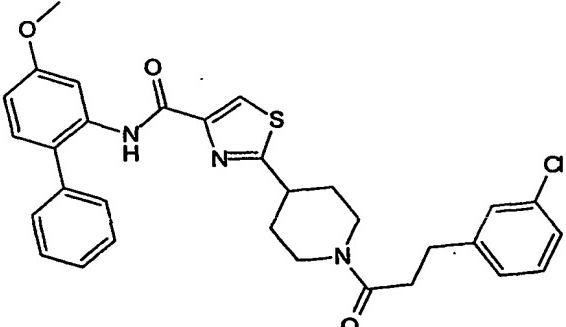
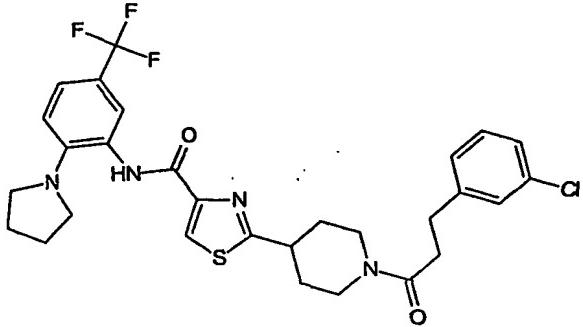
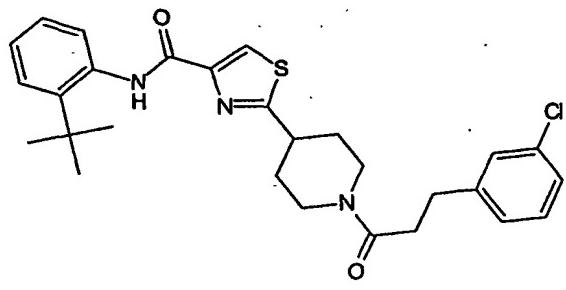
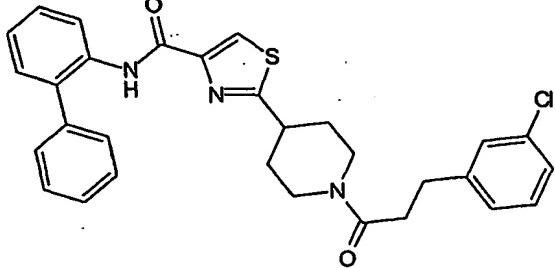
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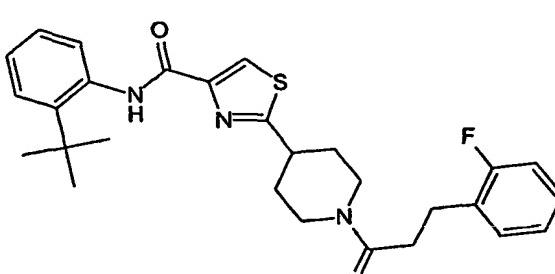
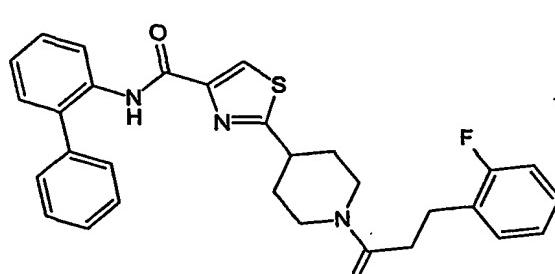
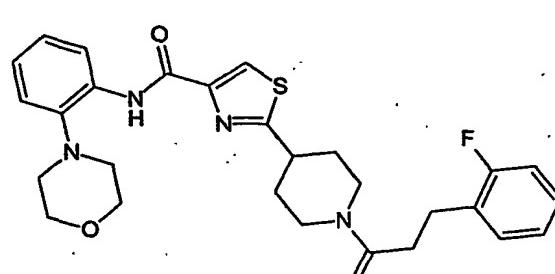
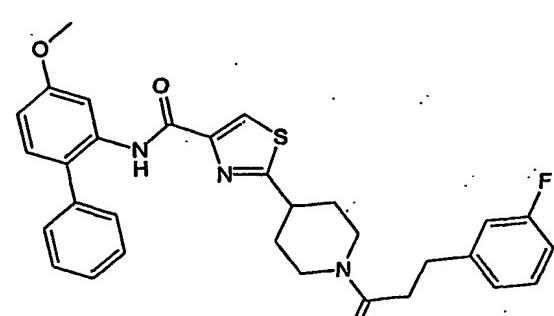
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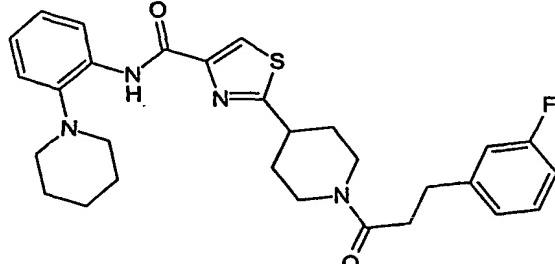
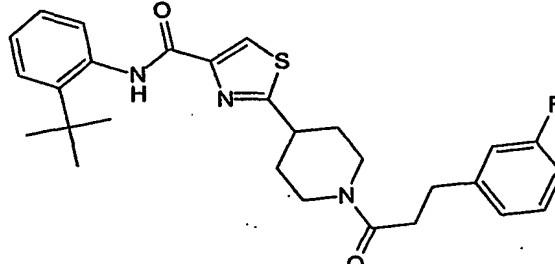
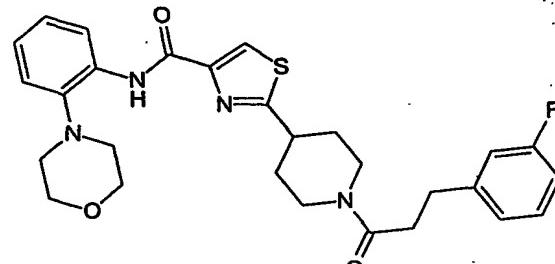
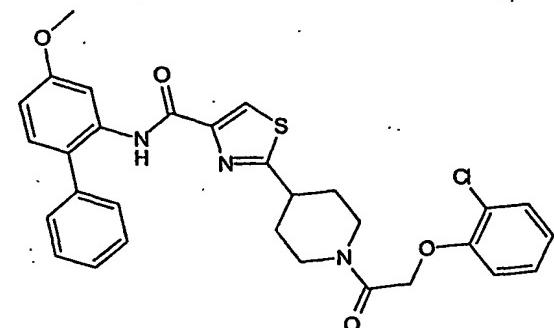
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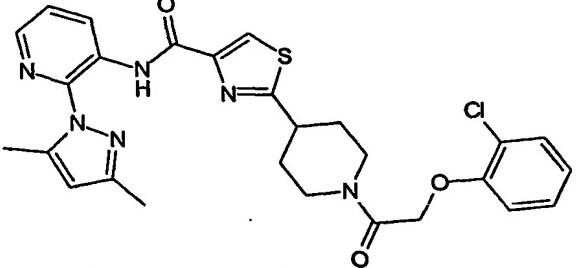
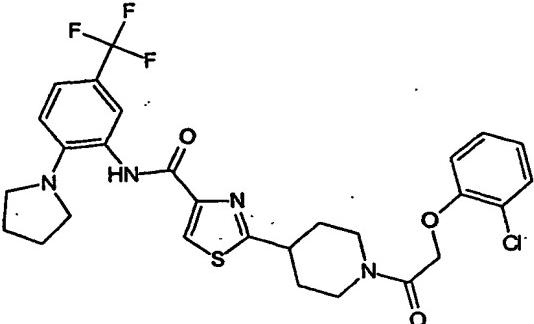
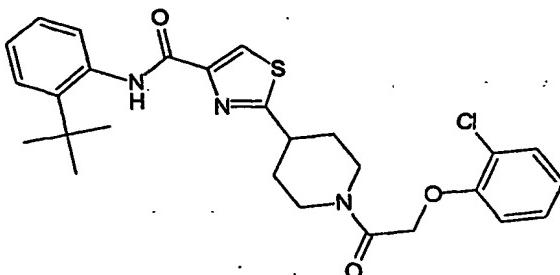
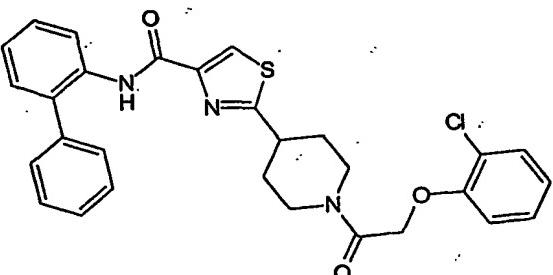
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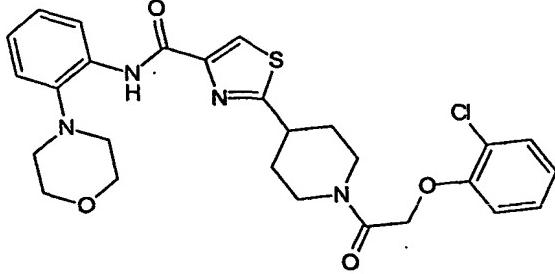
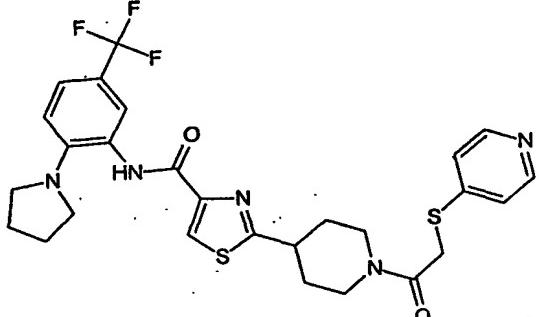
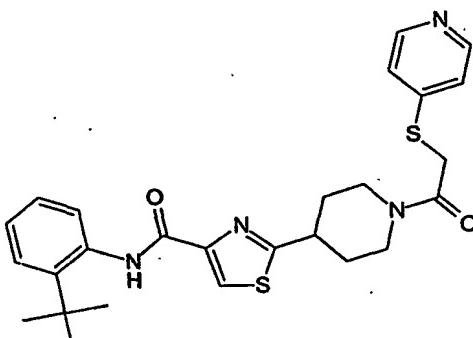
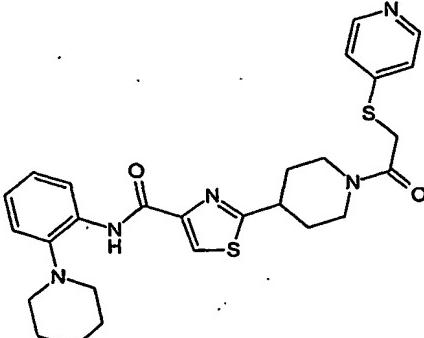
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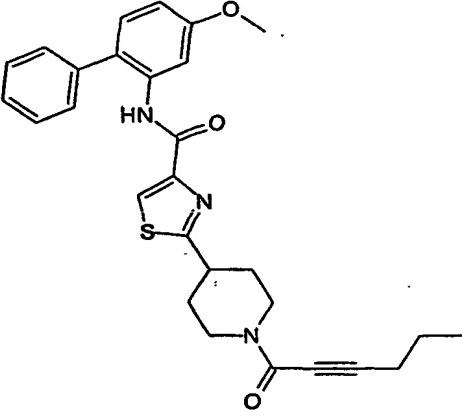
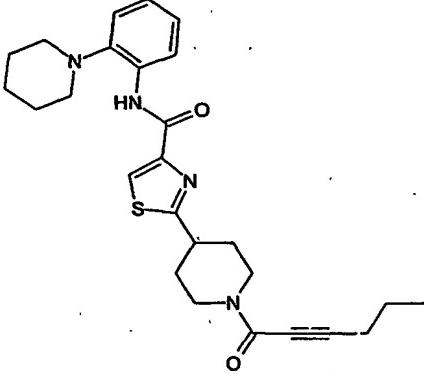
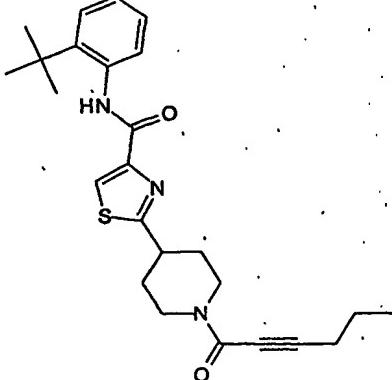
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No.	FORMULA	NMR or mass
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No.	FORMULA	NMR or mass
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544		
545		

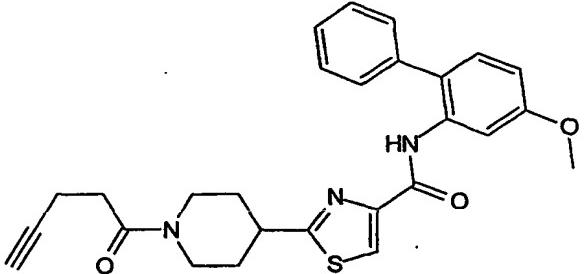
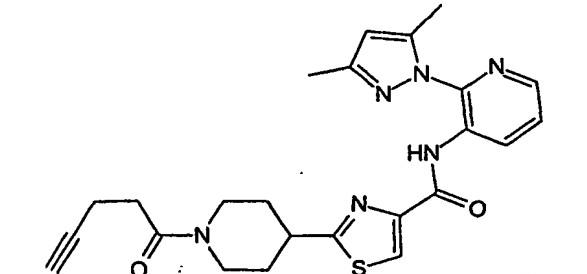
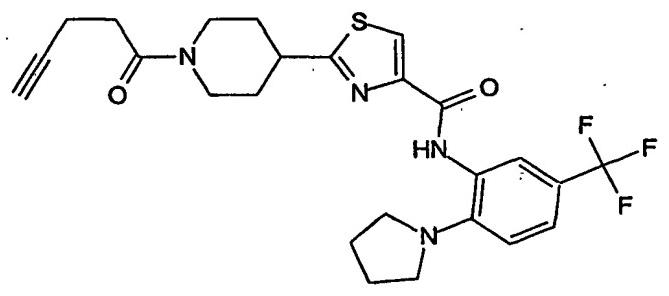
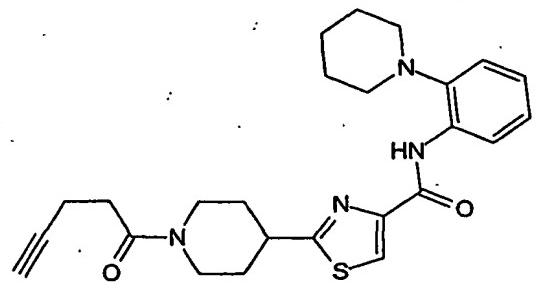
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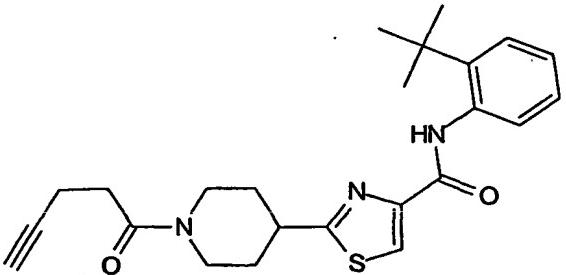
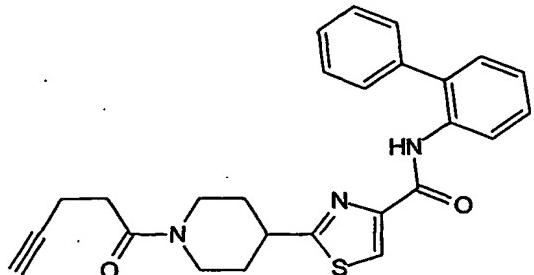
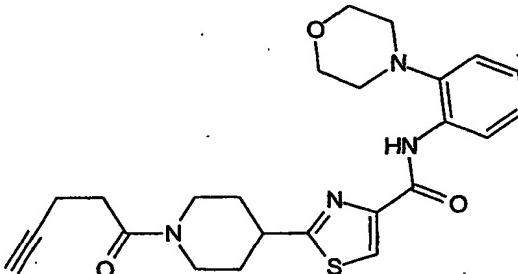
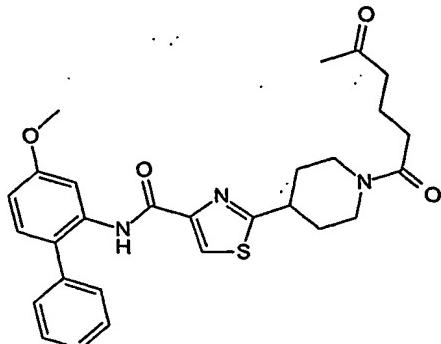
No.	FORMULA	NMR or mass
550	 <p>2-(1-hex-2-ynoylpiperidin-4-yl)-N-(4-methoxybiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
551	 <p>2-(1-hex-2-ynoylpiperidin-4-yl)-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
552	 <p>N-(2-tert-butylphenyl)-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

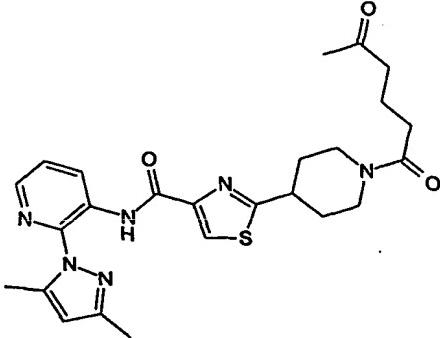
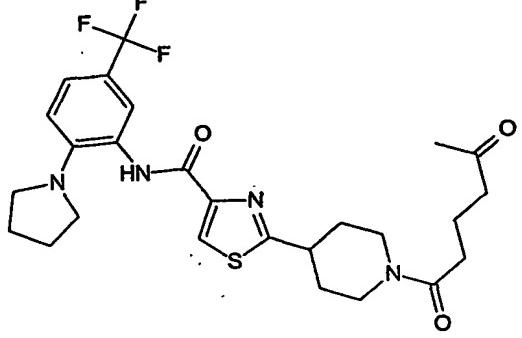
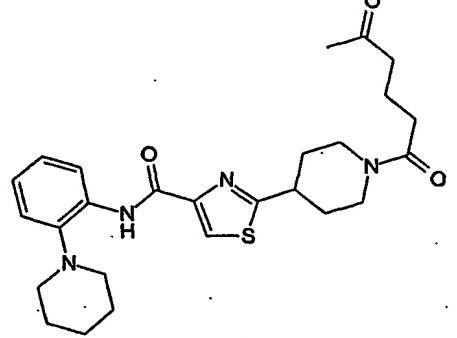
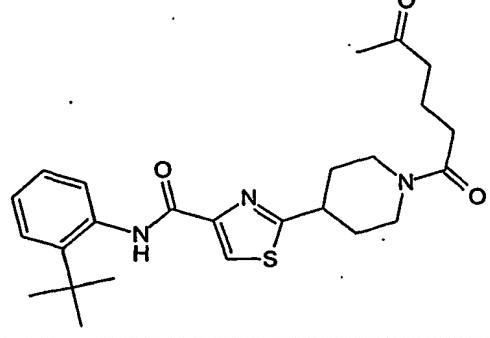
No.	FORMULA	NMR or mass
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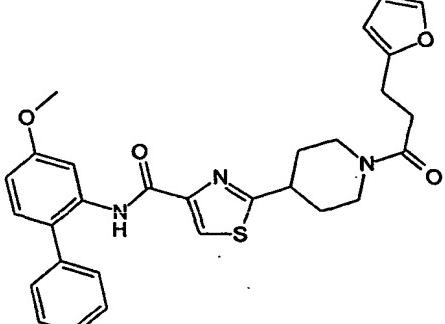
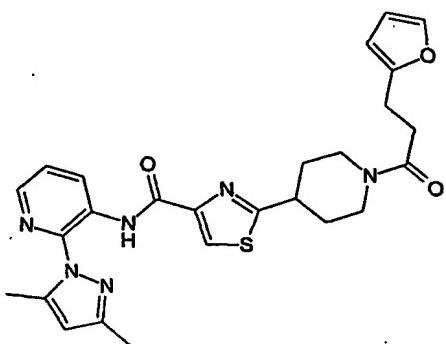
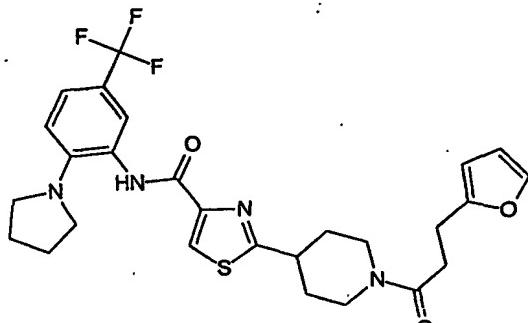
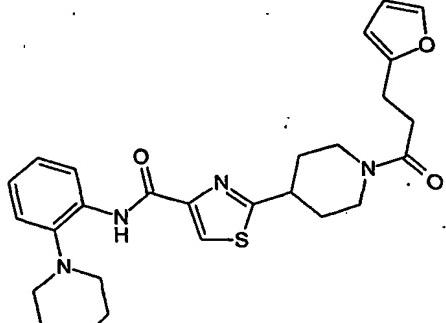
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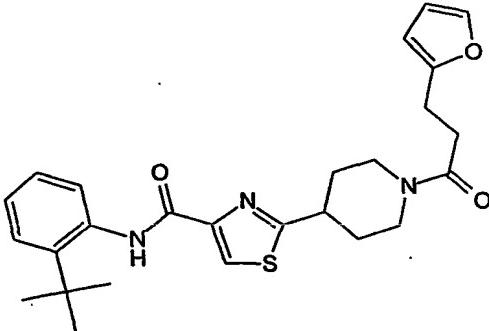
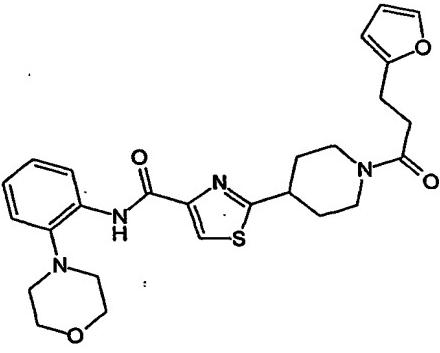
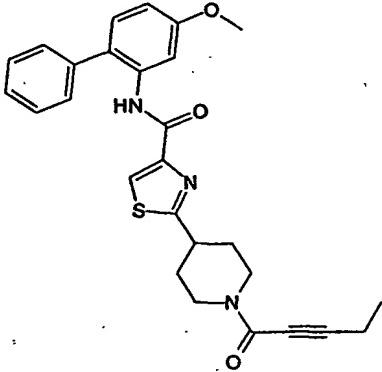
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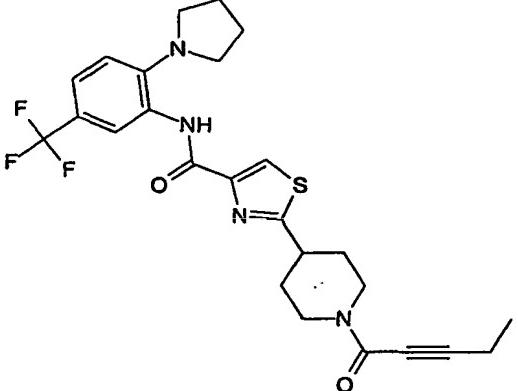
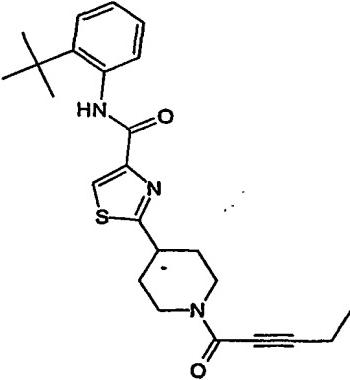
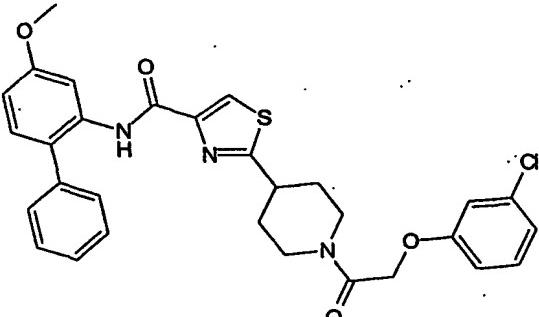
No.	FORMULA	NMR or mass
561	 <p>Chemical structure 561: A piperazine ring substituted at the 4-position with a propargylic amide group (-CH&lt;sub&gt;2&lt;/sub&gt;-C≡CH-C(=O)-NH-) and a 2-(4-methoxyphenyl)imidazole ring.</p>	
562	 <p>Chemical structure 562: A piperazine ring substituted at the 4-position with a propargylic amide group (-CH&lt;sub&gt;2&lt;/sub&gt;-C≡CH-C(=O)-NH-) and a 2-(4-methylpyridin-2-yl)imidazole ring.</p>	
563	 <p>Chemical structure 563: A piperazine ring substituted at the 4-position with a propargylic amide group (-CH&lt;sub&gt;2&lt;/sub&gt;-C≡CH-C(=O)-NH-), a 2-(4-(2,2,2-trifluoroethyl)phenyl)imidazole ring, and a 1-piperidinyl group.</p>	
564	 <p>Chemical structure 564: A piperazine ring substituted at the 4-position with a propargylic amide group (-CH&lt;sub&gt;2&lt;/sub&gt;-C≡CH-C(=O)-NH-) and a 2-(4-phenyl)imidazole ring.</p>	

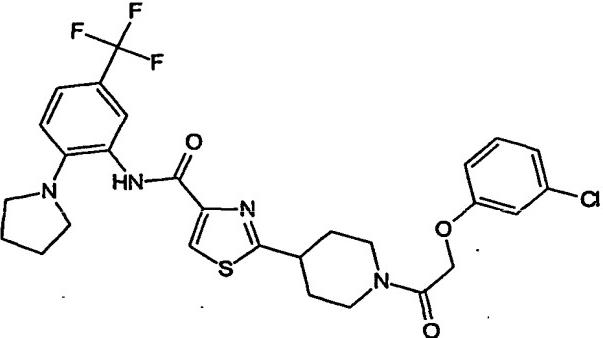
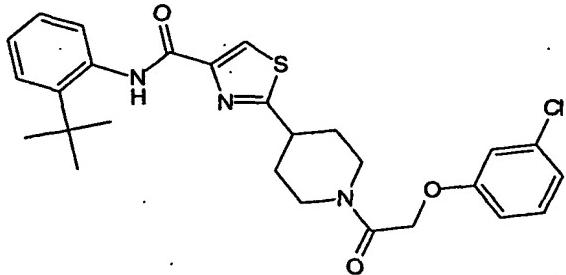
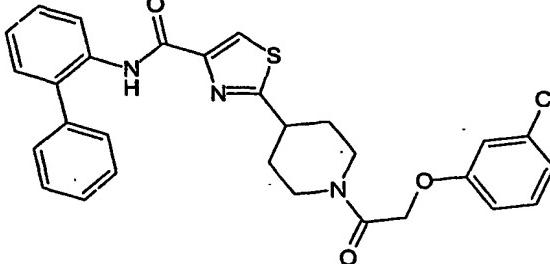
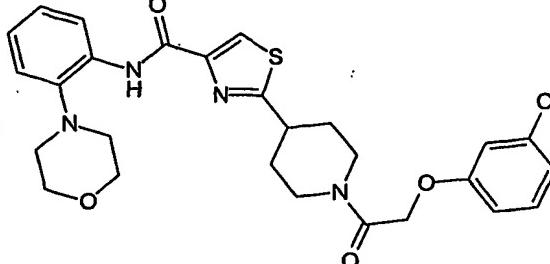
No.	FORMULA	NMR or mass
565	 <p>Chemical structure 565: A piperazine derivative substituted with a prop-1-ynyl group at position 1 and a 2-(4-phenylbutyl)thiazole-4-carbonyl group at position 4.</p>	
566	 <p>Chemical structure 566: A piperazine derivative substituted with a prop-1-ynyl group at position 1 and a 2-(4-phenylbutyl)thiazole-4-carbonyl group at position 4.</p>	
567	 <p>Chemical structure 567: A piperazine derivative substituted with a prop-1-ynyl group at position 1 and a 2-(4-phenylbutyl)thiazole-4-carbonyl group at position 4.</p>	
568	 <p>Chemical structure 568: A complex molecule consisting of a 4-phenylbenzyl group attached to a thiazole ring, which is further substituted with a piperazine-4-carbonyl group and a cyclohexane ring substituted with a carbonyl group.</p>	

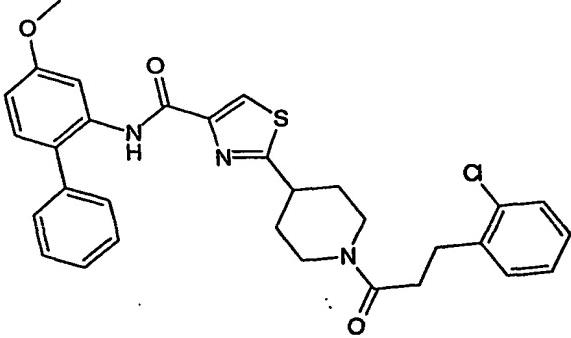
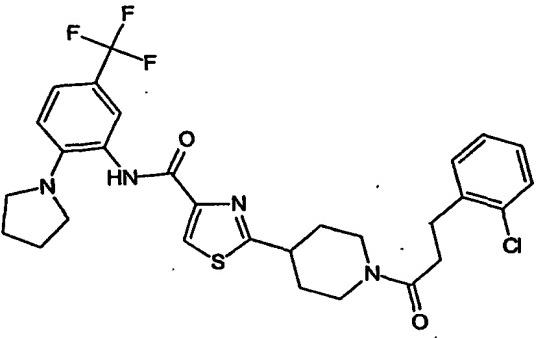
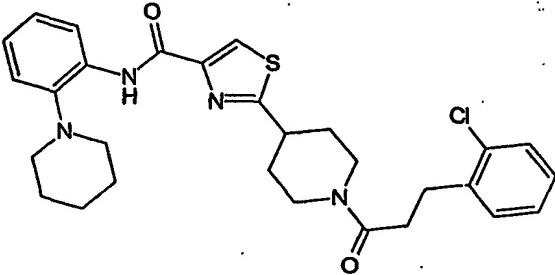
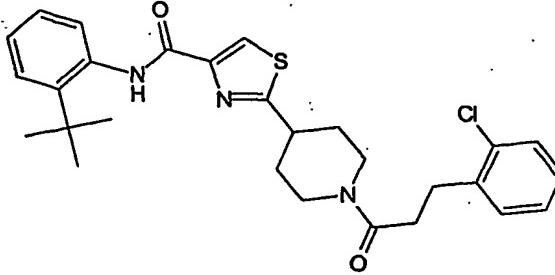
No.	FORMULA	NMR or mass
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No.	FORMULA	NMR or mass
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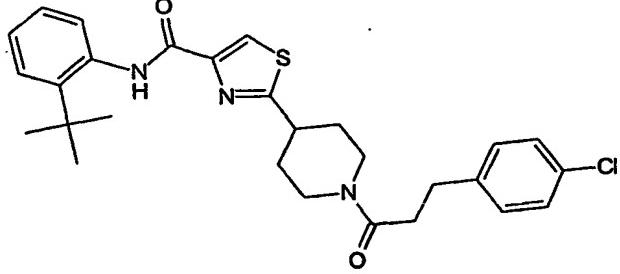
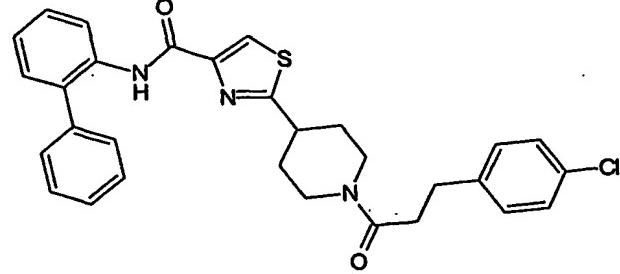
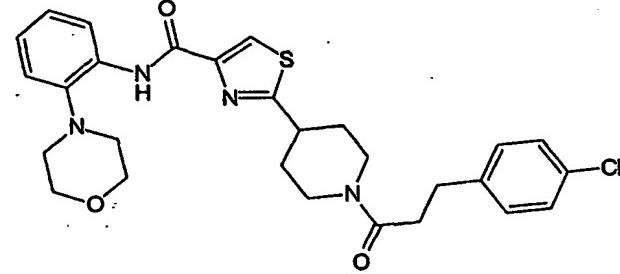
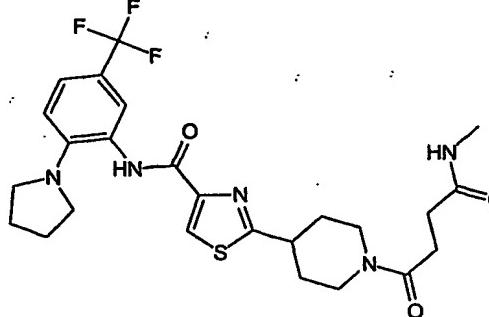
No.	FORMULA	NMR or mass
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578		
579	 <p data-bbox="295 1529 1204 1592">N-(4-methoxybiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
580	 <p>2-(1-pent-2-ynoylpiperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]-1,3-thiazole-4-carboxamide</p>	
581	 <p>N-(2-tert-butylphenyl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
582		

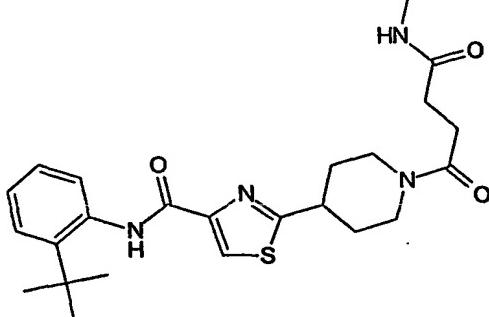
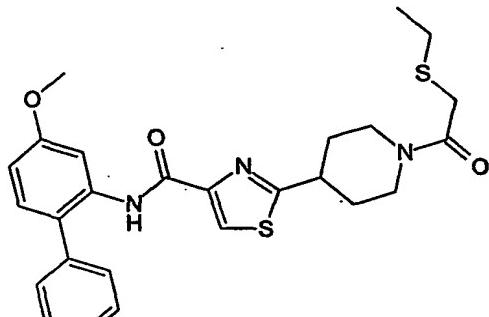
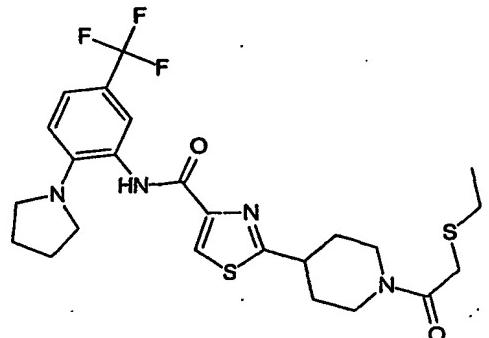
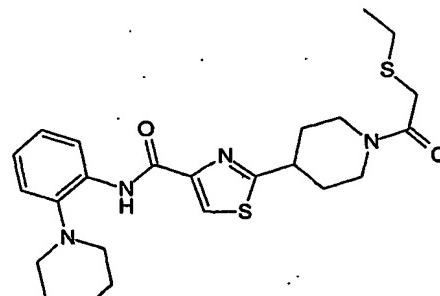
No.	FORMULA	NMR or mass
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No.	FORMULA	NMR or mass
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No.	FORMULA	NMR or mass
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No.	FORMULA	NMR or mass
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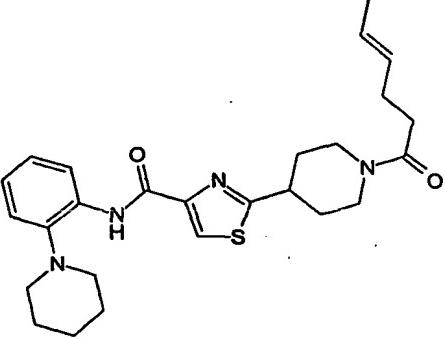
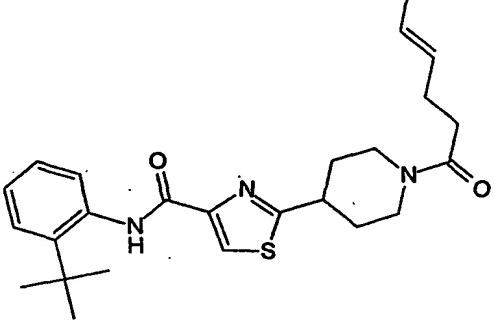
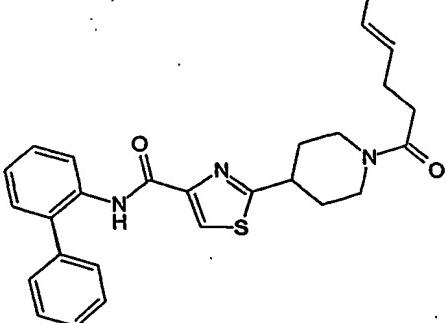
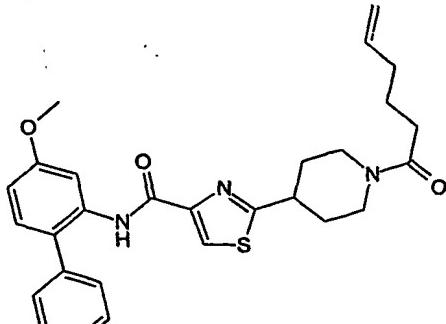
- 250 -

No.	FORMULA	NMR or mass
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601		
602		

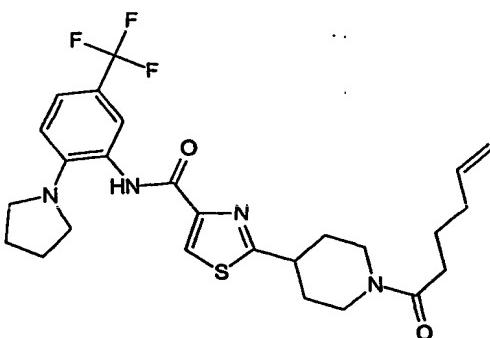
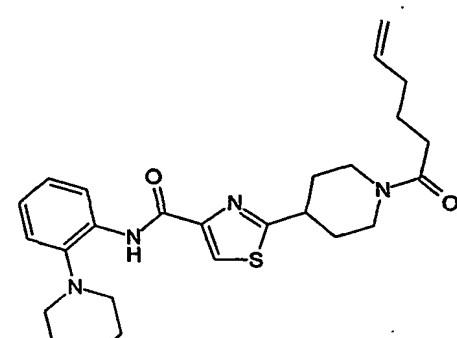
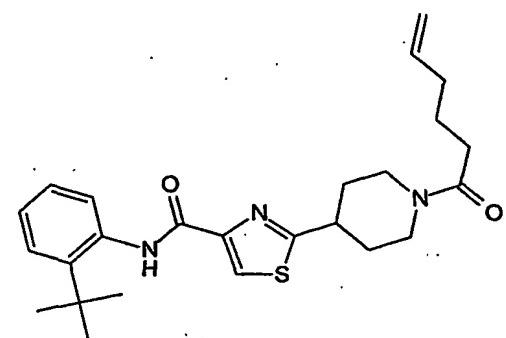
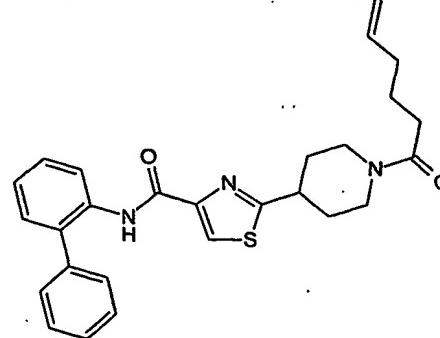
- 251 -

No.	FORMULA	NMR or mass
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604		
605		
606		

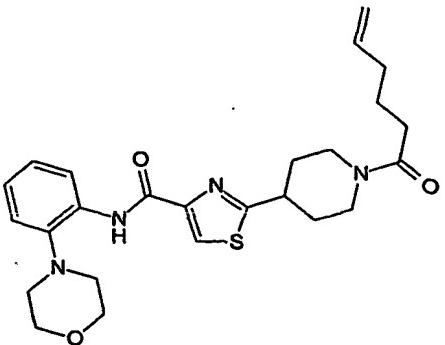
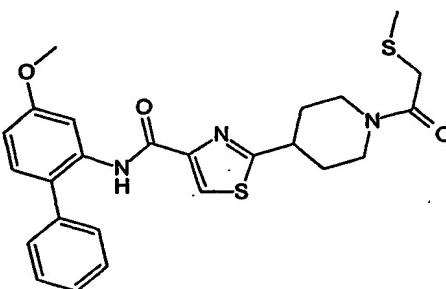
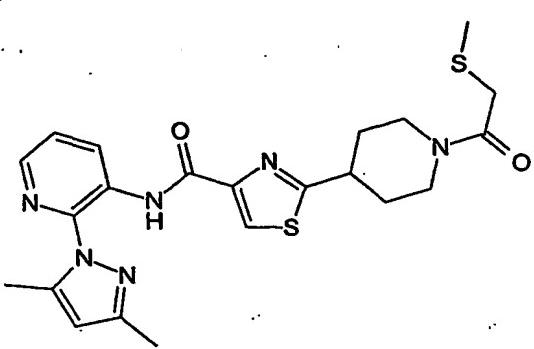
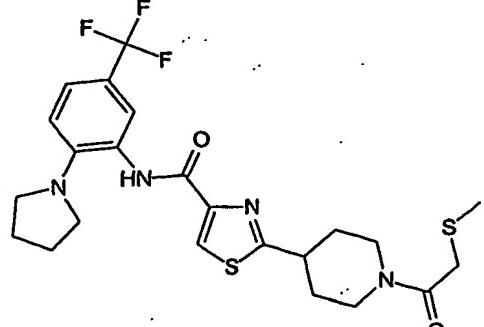
- 252 -

No.	FORMULA	NMR or mass
607		
608		
609		
610		

- 253 -

No.	FORMULA	NMR or mass
611		
612		
613		
614		

- 254 -

No.	FORMULA	NMR or mass
615		
616		
617		
618		

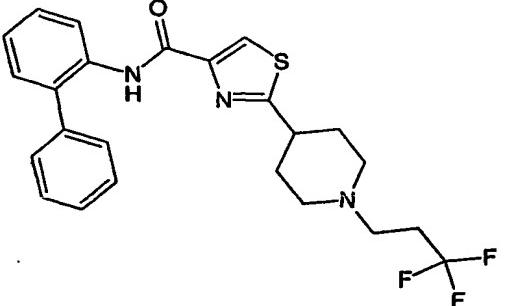
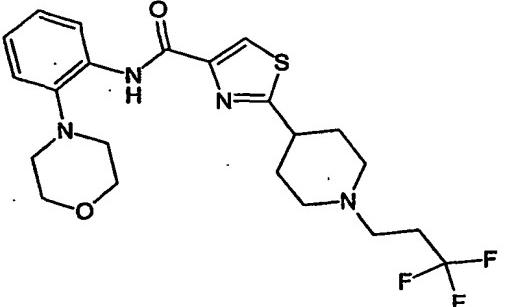
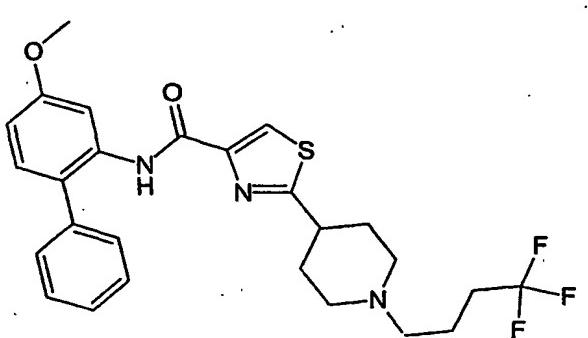
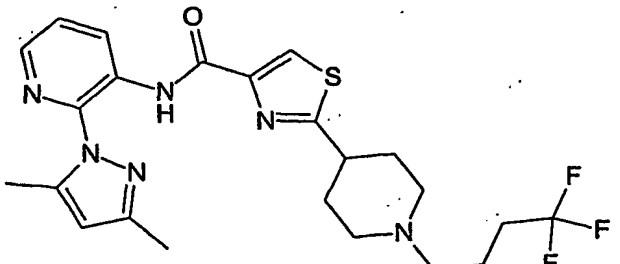
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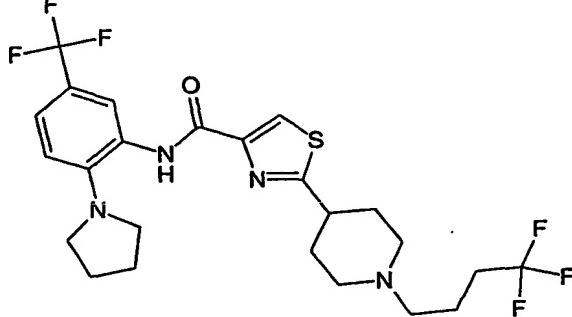
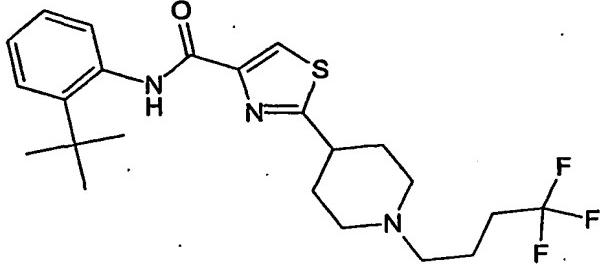
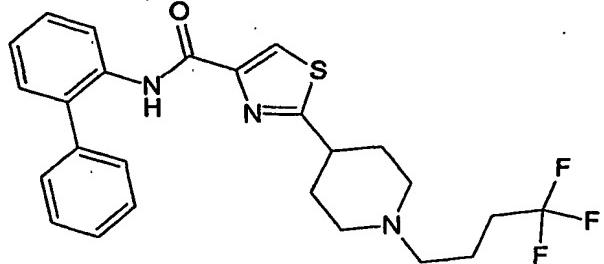
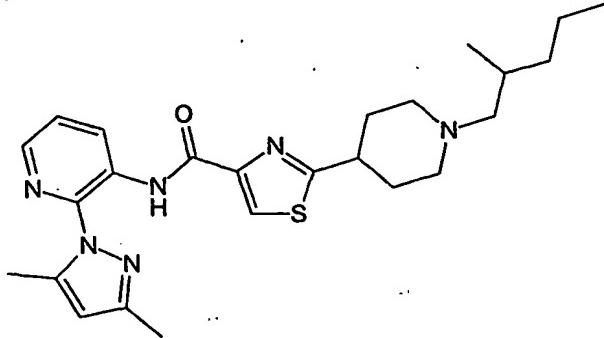
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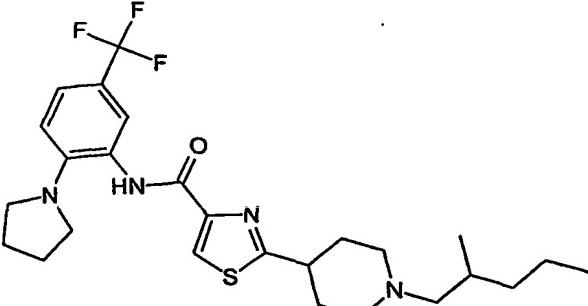
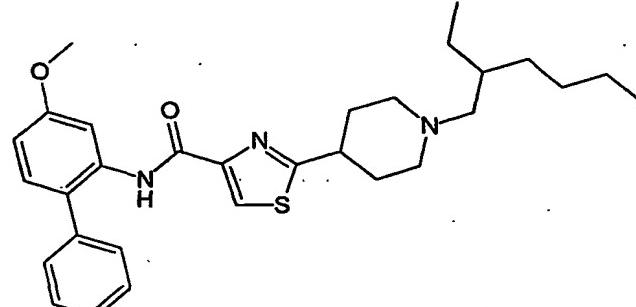
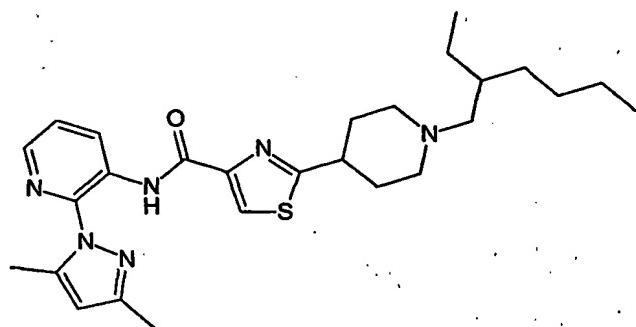
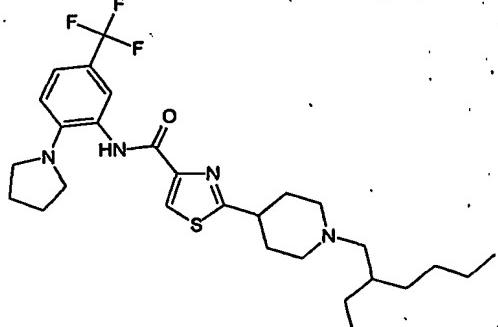
- 256 -

No.	FORMULA	NMR or mass
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626		

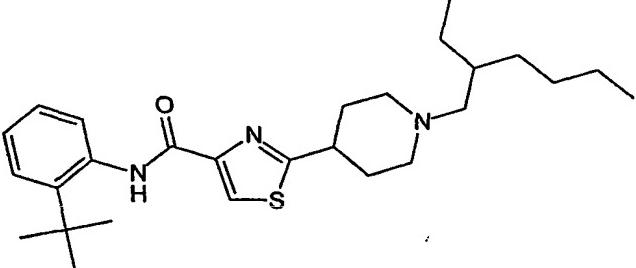
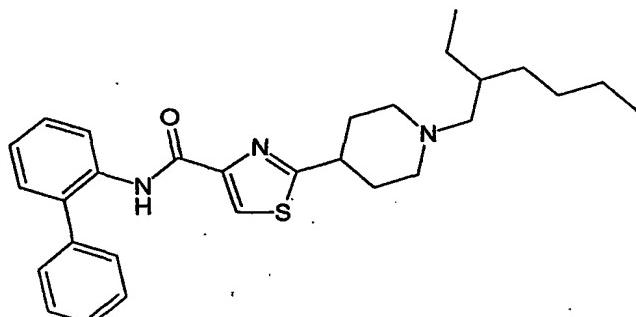
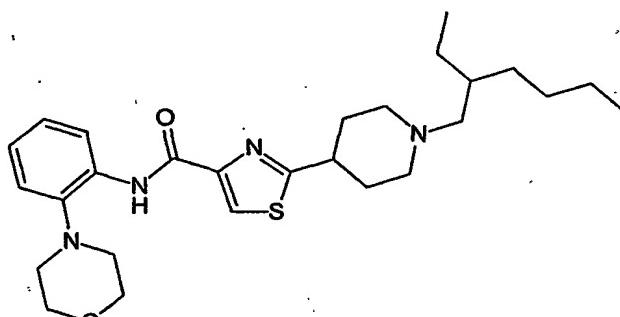
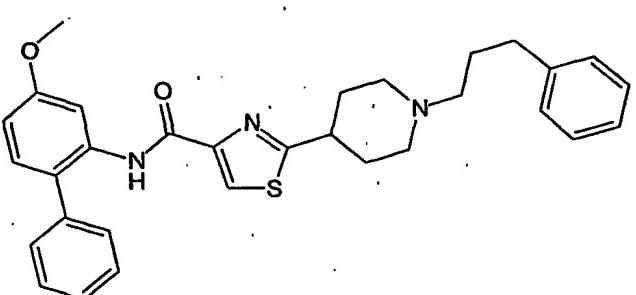
- 257 -

No.	FORMULA	NMR or mass
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628		
629		
630		

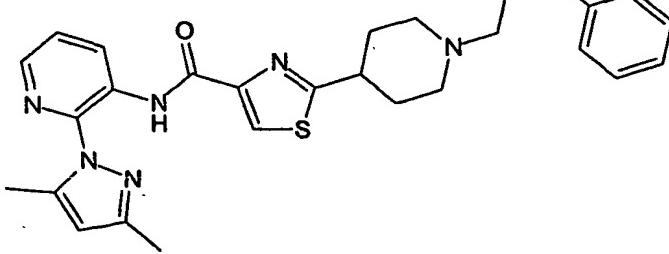
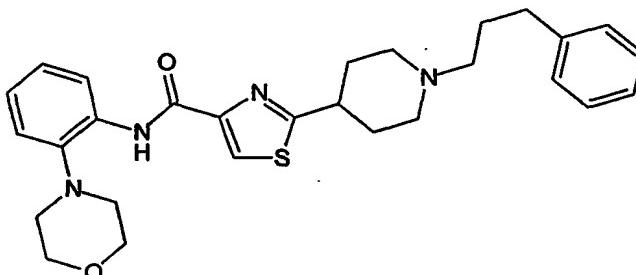
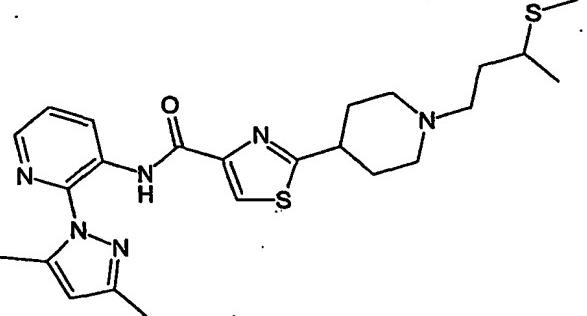
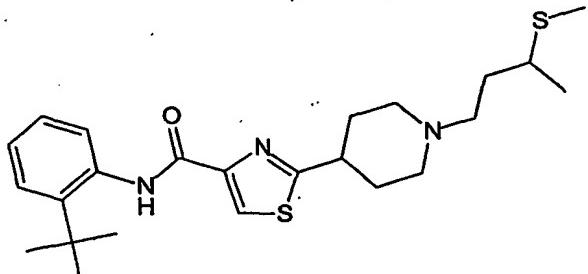
No.	FORMULA	NMR or mass
631		
632		
633		
634		

No.	FORMULA	NMR or mass
635	 <p>Chemical structure 635: A piperazine derivative substituted with a 4-(difluoromethyl)phenyl group at position 1 and a 2-(4-(cyclohexylmethyl)piperazinyl)-3-thienylmethyl carbamate group at position 4.</p>	
636	 <p>Chemical structure 636: A piperazine derivative substituted with a 4-methoxyphenyl group at position 1 and a 2-(4-(cyclohexylmethyl)piperazinyl)-3-thienylmethyl carbamate group at position 4.</p>	
637	 <p>Chemical structure 637: A piperazine derivative substituted with a 2-(4-(cyclohexylmethyl)piperazinyl)-3-thienylmethyl carbamate group at position 4 and a 2-(4-(2,4-dimethylimidazol-1(2H)-yl)phenylamino)acetyl group at position 1.</p>	
638	 <p>Chemical structure 638: A piperazine derivative substituted with a 4-(difluoromethyl)phenyl group at position 1 and a 2-(4-(cyclohexylmethyl)piperazinyl)-3-thienylmethyl carbamate group at position 4.</p>	

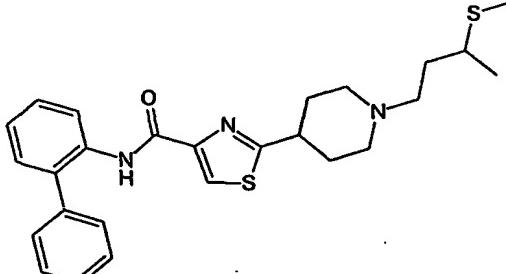
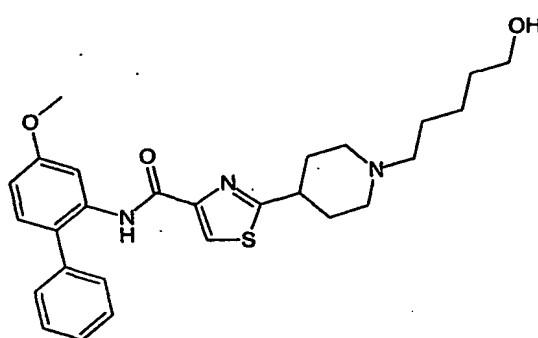
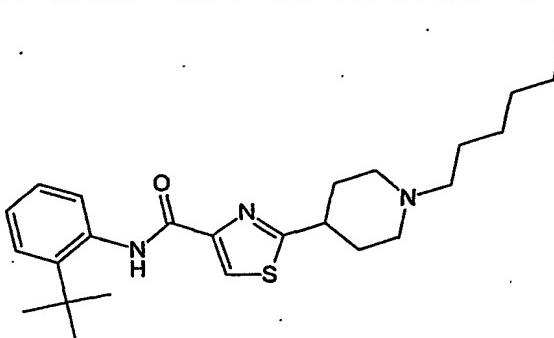
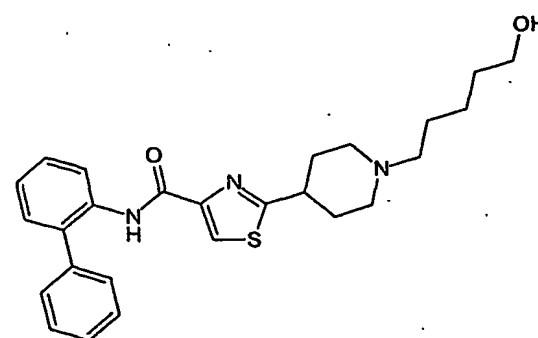
- 260 -

No.	FORMULA	NMR or mass
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640		
641		
642		

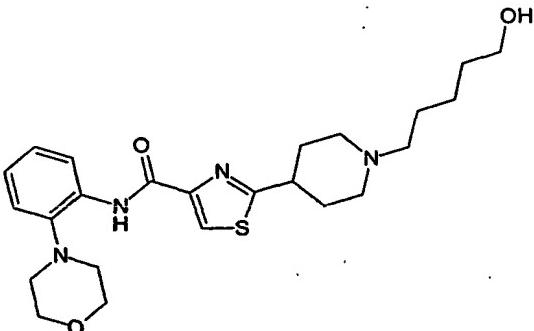
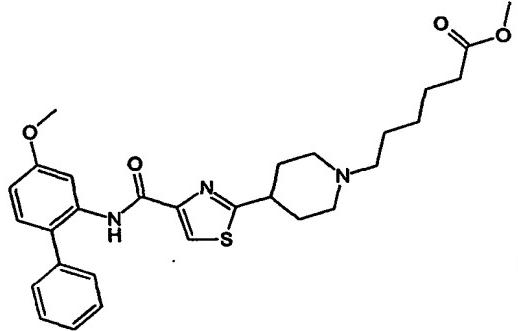
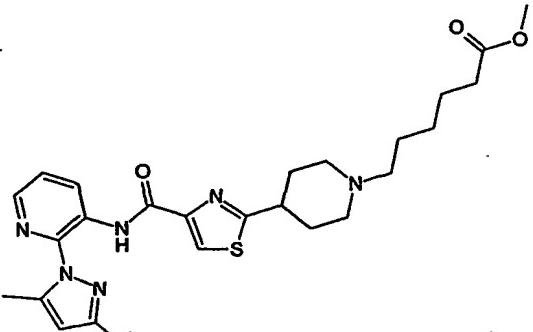
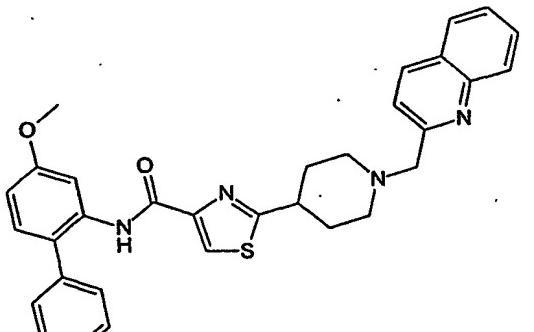
- 261 -

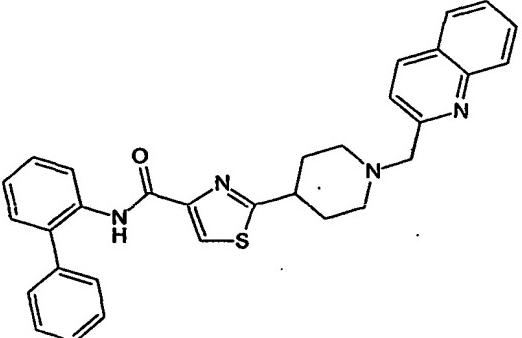
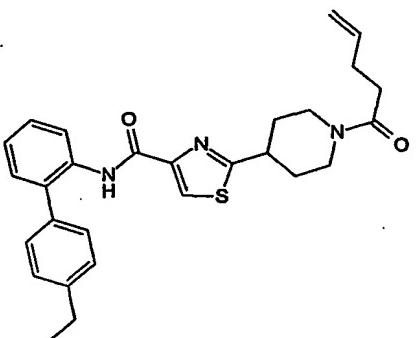
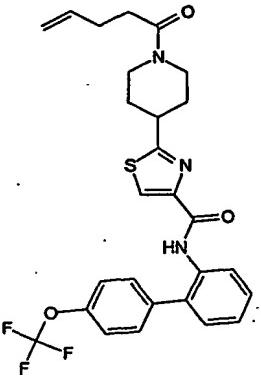
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645		
646		

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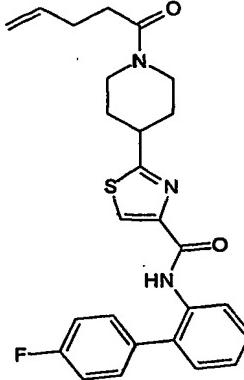
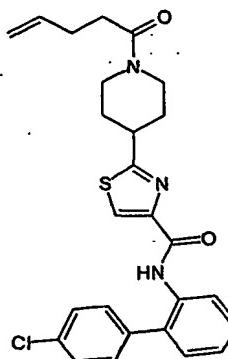
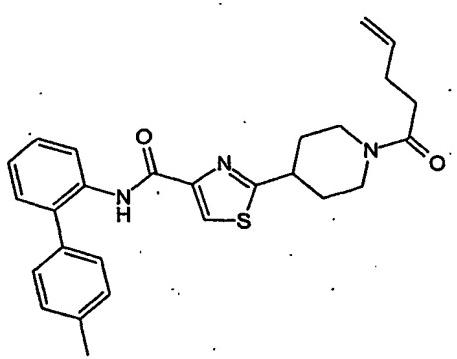
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650		

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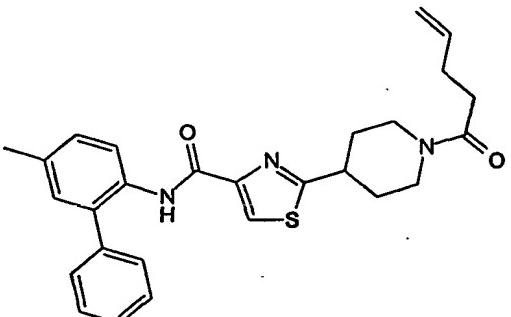
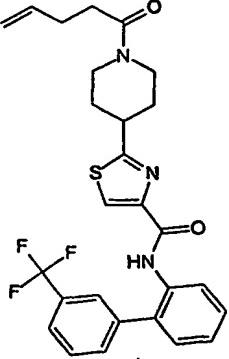
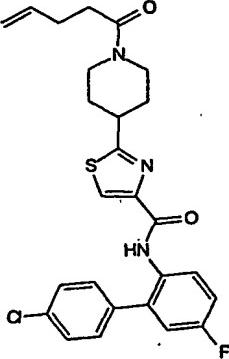
No.	FORMULA	NMR or mass
651		
652		
653		
654		

No.	FORMULA	NMR or mass
655		
656		
657	 <p data-bbox="295 1558 1241 1624">2-(1-pent-4-enylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

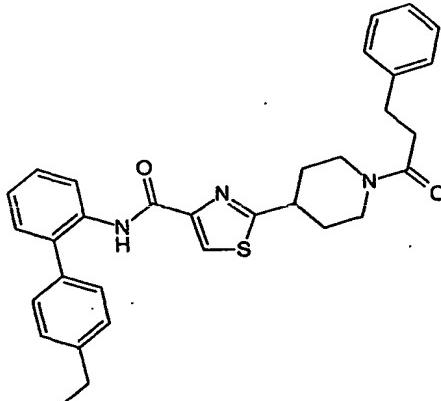
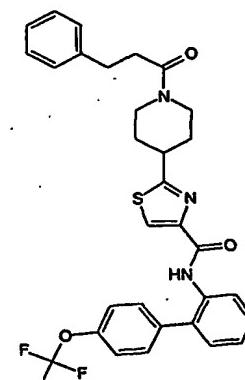
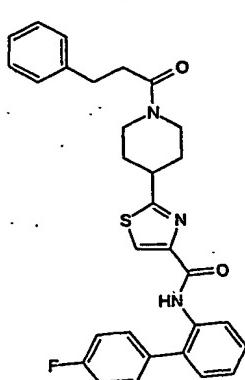
- 265 -

No.	FORMULA	NMR or mass
658	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-pent-4-enylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
659	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-pent-4-enylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
660		

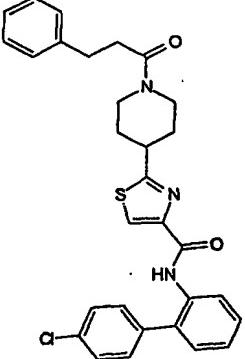
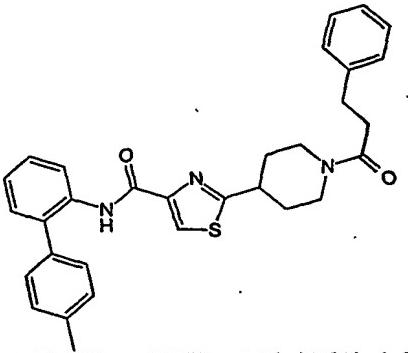
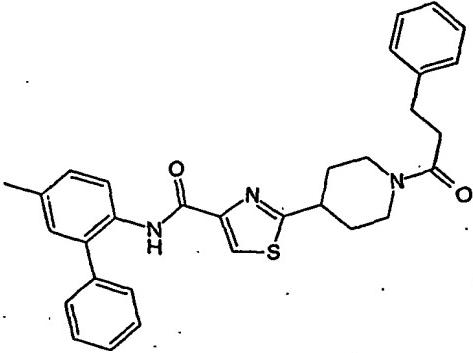
- 266 -

No.	FORMULA	NMR or mass
661		
662	 2-(1-pent-4-enylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide	
663	 N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-pent-4-enylpiperidin-4-yl)-1,3-thiazole-4-carboxamide	

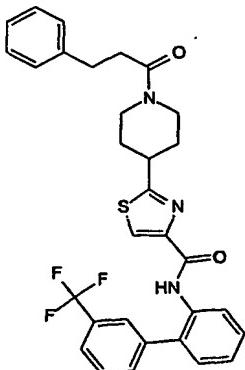
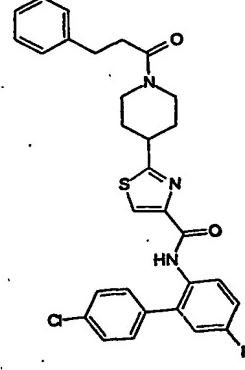
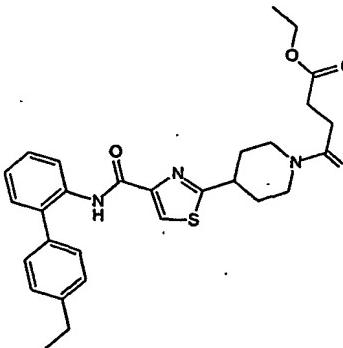
- 267 -

No.	FORMULA	NMR or mass
664		
665	 <p data-bbox="293 1246 1191 1309">2-[1-(3-phenylpropanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
666	 <p data-bbox="293 1774 1142 1837">N-(4'-fluorobiphenyl-2-yl)-2-[1-(3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

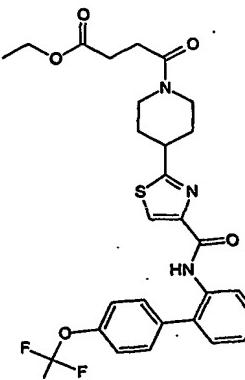
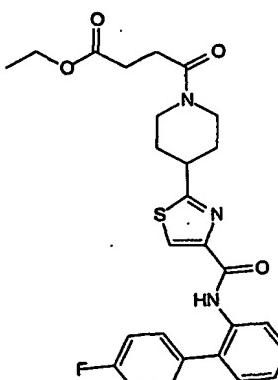
- 268 -

No.	FORMULA	NMR or mass
667	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
668		
669		

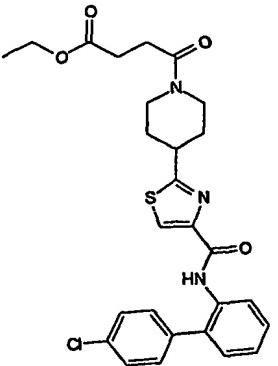
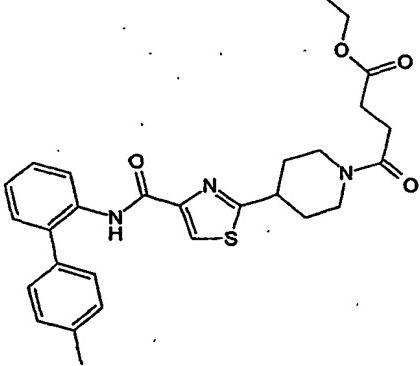
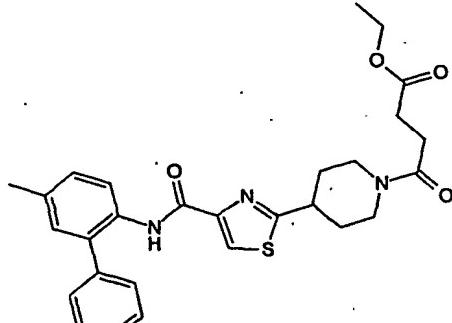
- 269 -

No.	FORMULA	NMR or mass
670	 <p>2-[1-(3-phenylpropanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
671	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
672	 <p>ethyl 4-[4-(4-{[(4'-ethylbiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)-piperidin-1-yl]-4-oxobutanoate</p>	

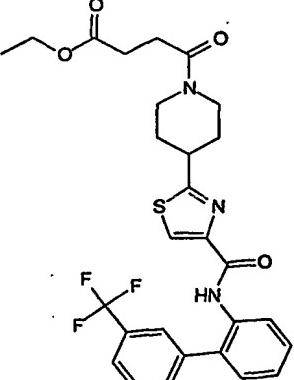
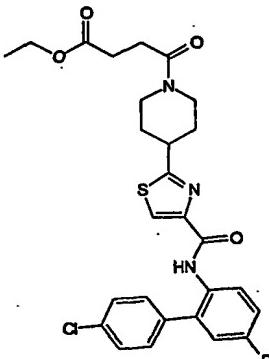
- 270 -

No.	FORMULA	NMR or mass
673	 <p>ethyl 4-oxo-4-{4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}butanoate</p>	
674	 <p>ethyl 4-[4-({[(4'-fluorobiphenyl-2-yl)amino}carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl]-4-oxobutanoate</p>	

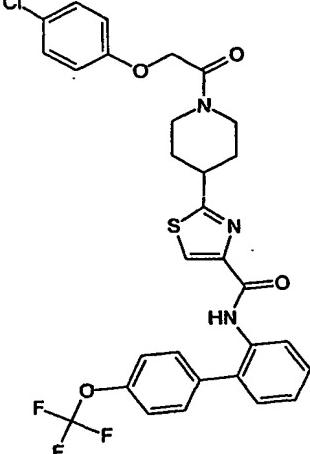
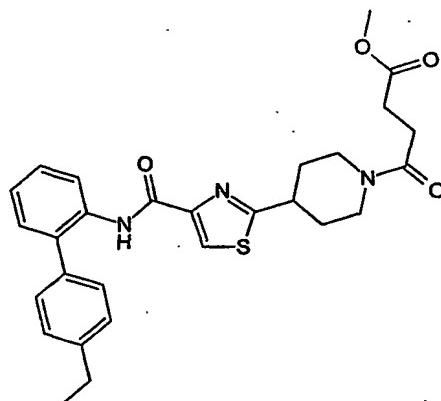
- 271 -

No.	FORMULA	NMR or mass
675	 <p>ethyl 4-[4-[(4'-chlorobiphenyl-2-yl)amino]carbonyl]-1,3-thiazol-2-yl-piperidin-1-yl]-4-oxobutanoate</p>	
676	 <p>ethyl 4-[4-[(4'-methylbiphenyl-2-yl)amino]carbonyl]-1,3-thiazol-2-yl-piperidin-1-yl]-4-oxobutanoate</p>	
677		

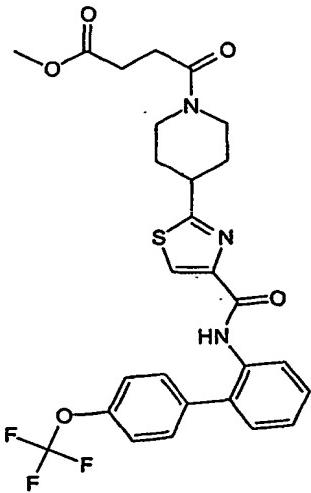
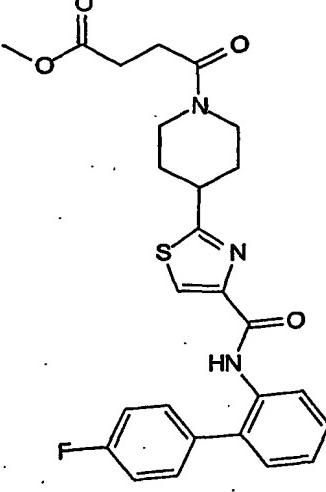
- 272 -

No.	FORMULA	NMR or mass
678	 <p>ethyl 4-oxo-4-{4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}butanoate</p>	
679	 <p>ethyl 4-[4-[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl]-1,3-thiazol-2-yl)piperidin-1-yl]-4-oxobutanoate</p>	

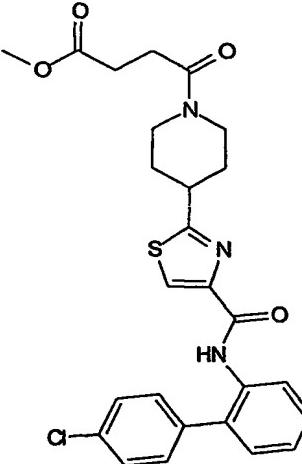
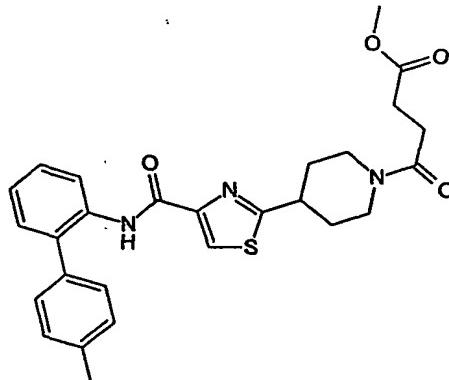
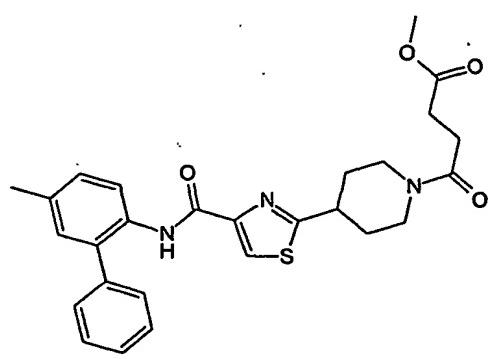
- 273 -

No.	FORMULA	NMR or mass
680	 <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
681		

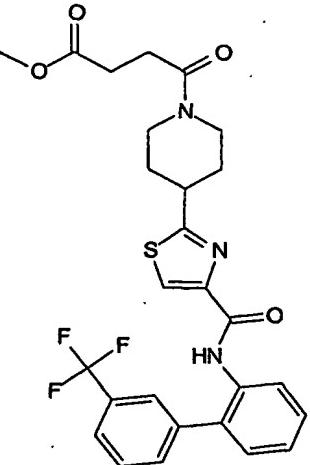
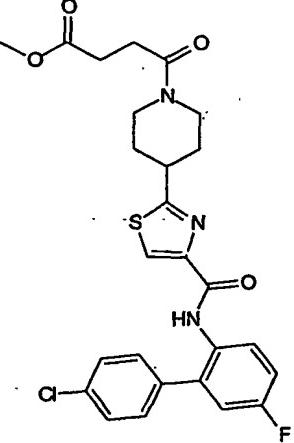
- 274 -

No.	FORMULA	NMR or mass
682	 <p>methyl 4-oxo-4-{4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}butanoate</p>	
683	 <p>methyl 4-[4-({[(4'-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)-piperidin-1-yl]-4-oxobutanoate</p>	

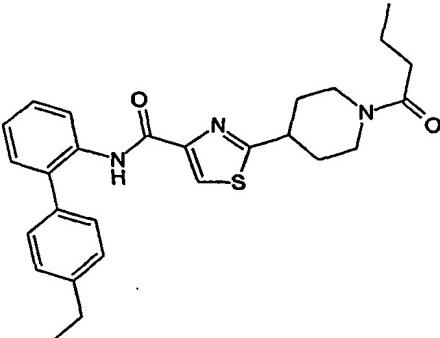
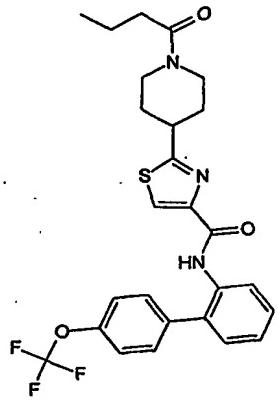
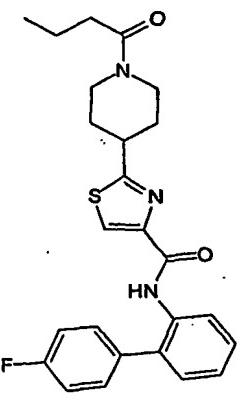
- 275 -

No.	FORMULA	NMR or mass
684	 <p>methyl 4-[4-{[(4'-chlorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl]-piperidin-1-yl]-4-oxobutanoate</p>	
685		
686		

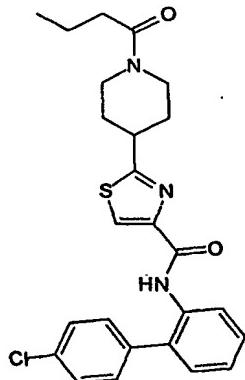
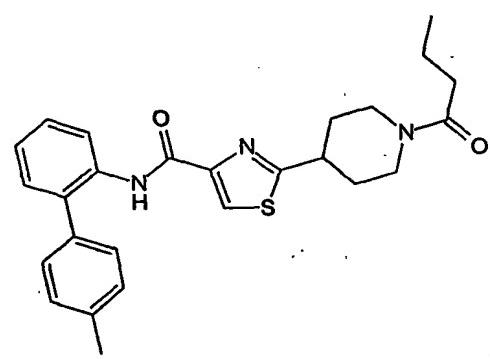
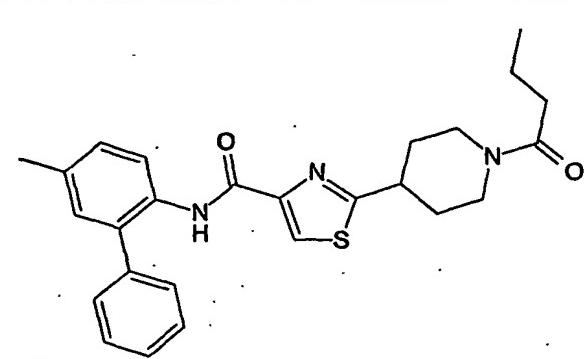
- 276 -

No.	FORMULA	NMR or mass
687	 <p>methyl 4-oxo-4-{4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}butanoate</p>	
688	 <p>methyl 4-[4-({[(4'-chloro-5-fluorobiphenyl-2-yl)amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl]-4-oxobutanoate</p>	

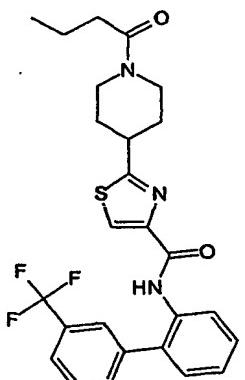
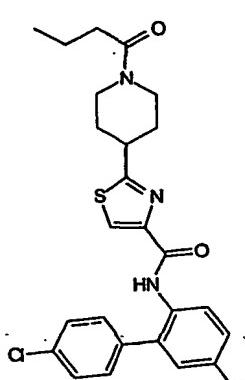
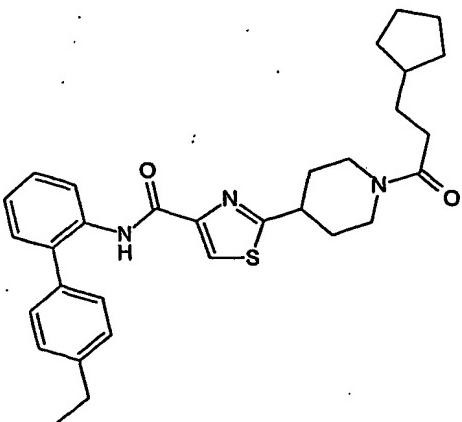
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No.	FORMULA	NMR or mass
689		
690	 <p>2-(1-butyrylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
691	 <p>2-(1-butyrylpiperidin-4-yl)-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
692	 <p>2-(1-butyrylpiperidin-4-yl)-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
693		
694		

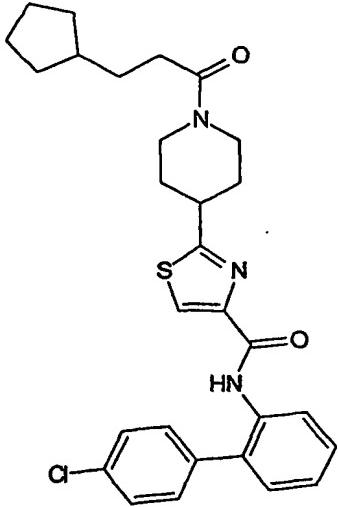
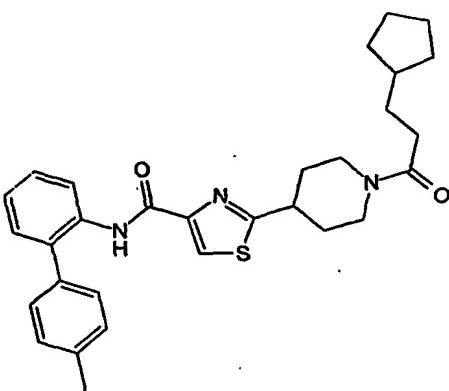
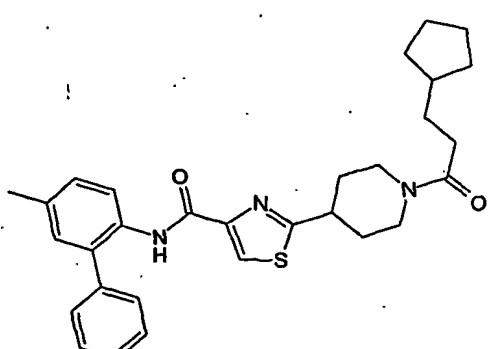
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No.	FORMULA	NMR or mass
695	 <p>2-(1-butyrylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
696	 <p>2-(1-butyrylpiperidin-4-yl)-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
697		

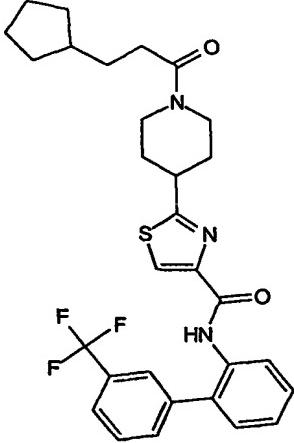
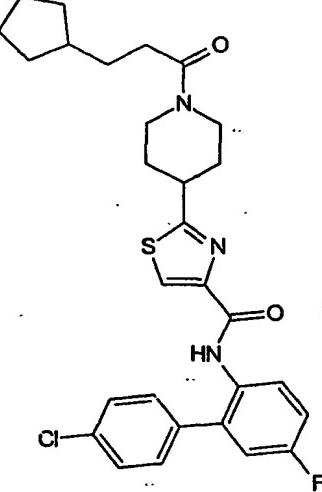
- 280 -

No.	FORMULA	NMR or mass
698	<p>2-[1-(3-cyclopentylpropanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
699	<p>2-[1-(3-cyclopentylpropanoyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

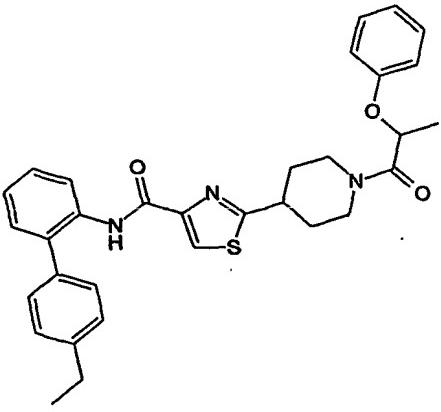
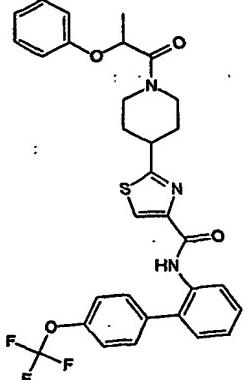
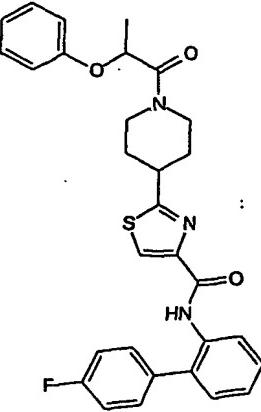
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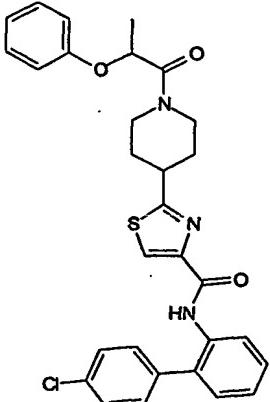
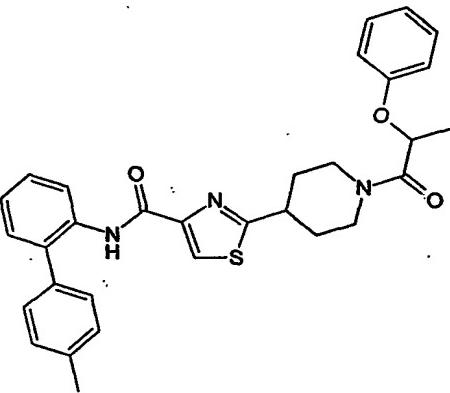
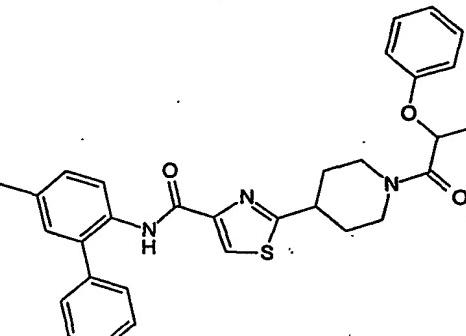
No.	FORMULA	NMR or mass
700	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(3-cyclopentylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
701		
702		

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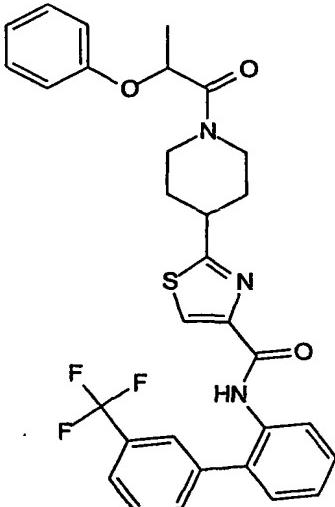
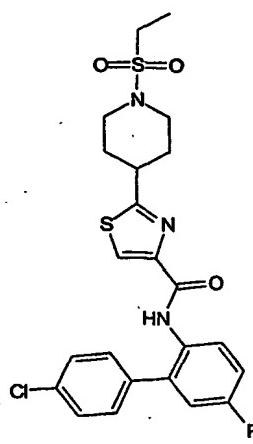
No.	FORMULA	NMR or mass
703	 <p>2-[1-(3-cyclopentylpropanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
704	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3-cyclopentylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

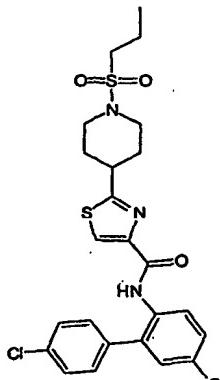
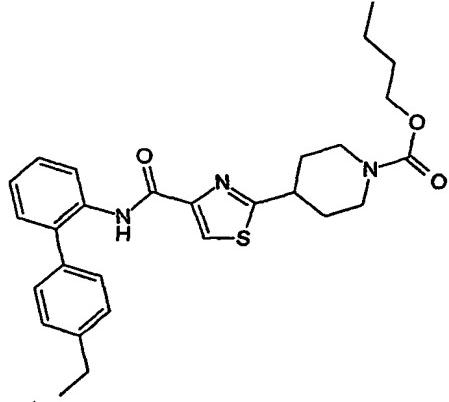
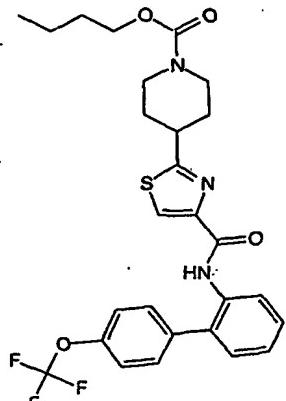
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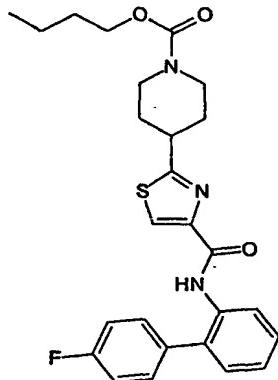
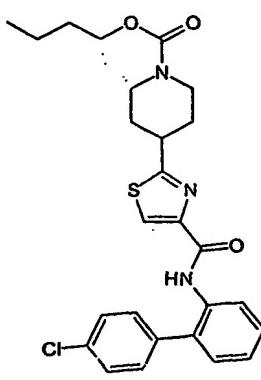
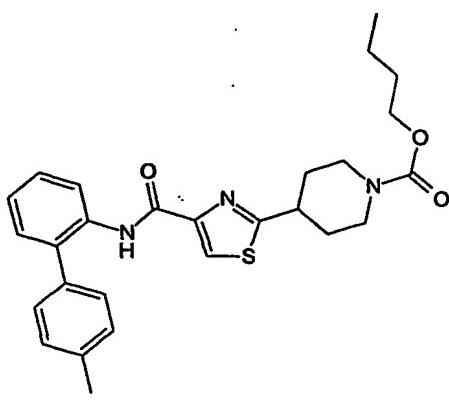
No.	FORMULA	NMR or mass
705		
706	 <p>2-[1-(2-phenoxypropanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
707	 <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(2-phenoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
708	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-phenoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
709		
710		

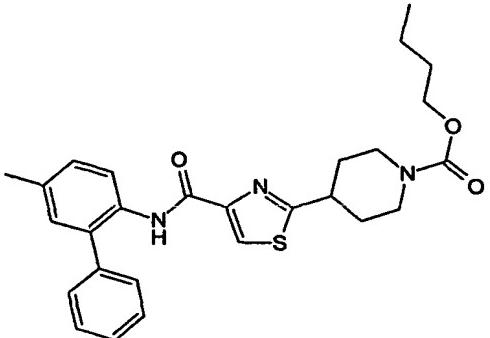
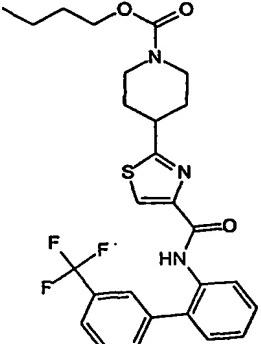
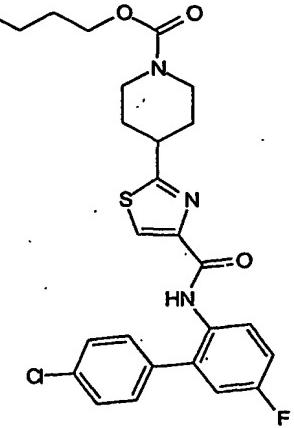
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No.	FORMULA	NMR or mass
711	 <p>2-[1-(2-phén oxypropanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
712	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

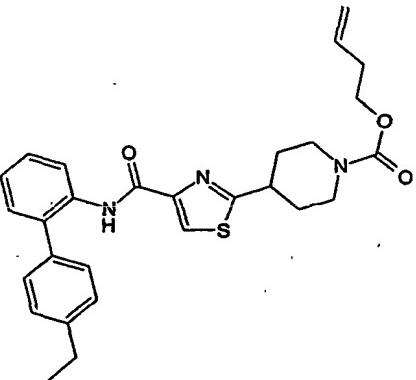
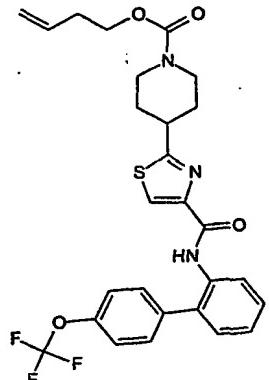
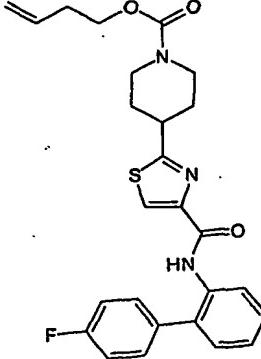
No.	FORMULA	NMR or mass
713	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
714		
715	 <p>butyl 4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxylate</p>	

No.	FORMULA	NMR or mass
716	 <p>butyl 4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	
717	 <p>butyl 4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	
718		

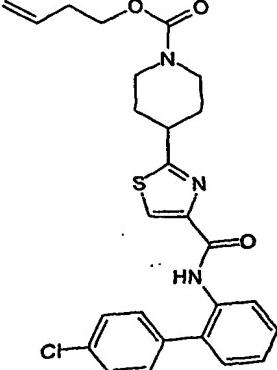
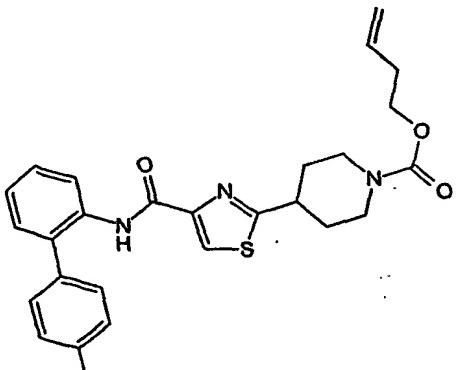
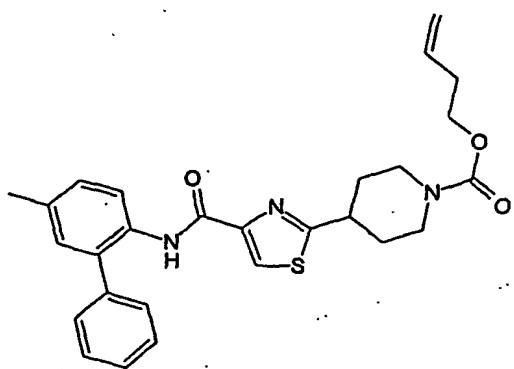
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No.	FORMULA	NMR or mass
719		
720	 <p>butyl 4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxylate</p>	
721	 <p>butyl 4-({[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	

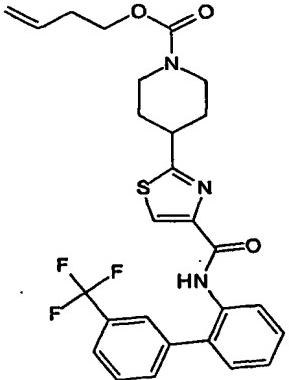
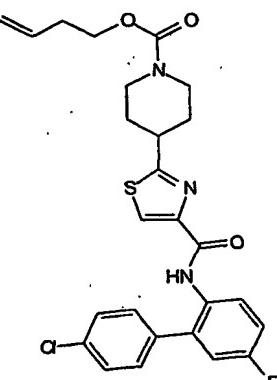
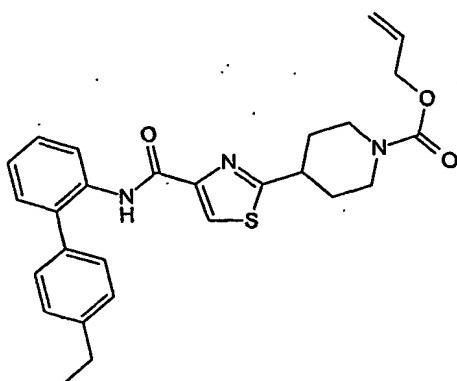
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No.	FORMULA	NMR or mass
722	 <p>but-3-en-1-yl 4-(4-((4'-ethylbiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl-piperidine-1-carboxylate</p>	
723	 <p>but-3-en-1-yl 4-[4-((4'-trifluoromethoxy)biphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl-piperidine-1-carboxylate</p>	
724	 <p>but-3-en-1-yl 4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl-piperidine-1-carboxylate</p>	

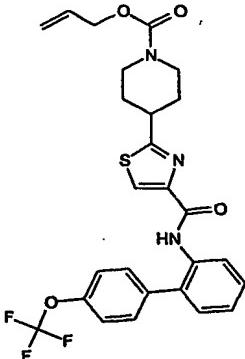
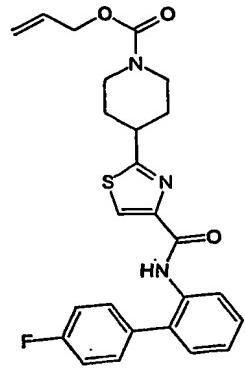
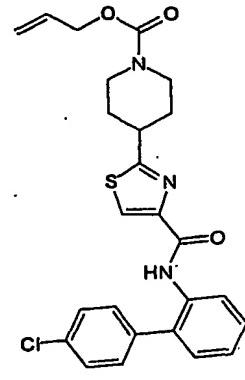
- 290 -

No.	FORMULA	NMR or mass
725	 <p>but-3-en-1-yl 4-{[(4'-chlorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl-piperidine-1-carboxylate</p>	
726		
727		

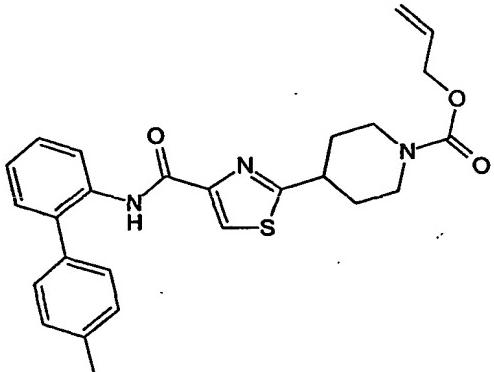
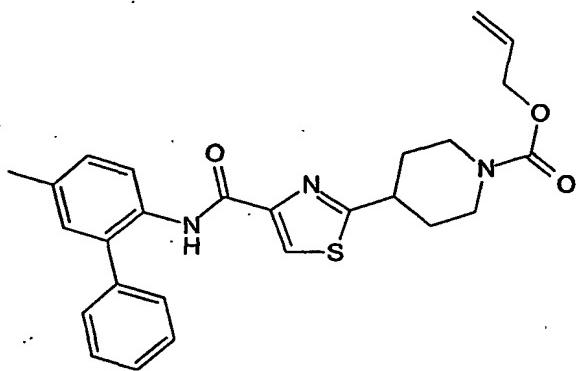
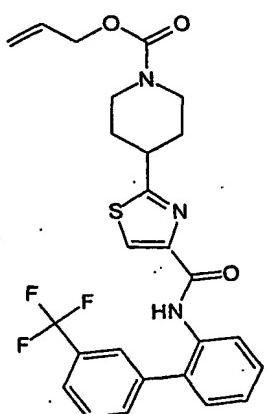
- 291 -

No.	FORMULA	NMR or mass
728	 <p>but-3-en-1-yl 4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxylate</p>	
729	 <p>but-3-en-1-yl 4-(4-[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	
730		

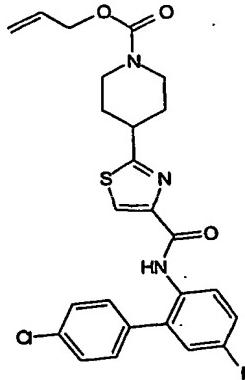
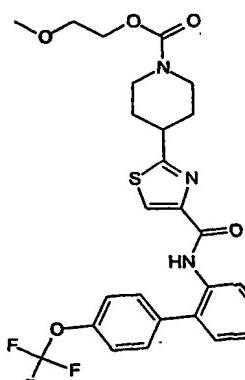
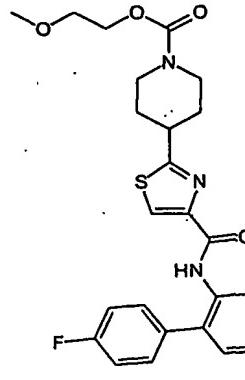
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No.	FORMULA	NMR or mass
731	 <p>allyl 4-[4-((4'-trifluoromethoxy)biphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	
732	 <p>allyl 4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	
733	 <p>allyl 4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	

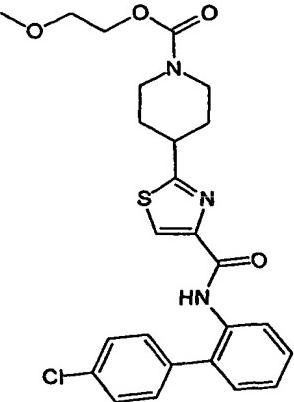
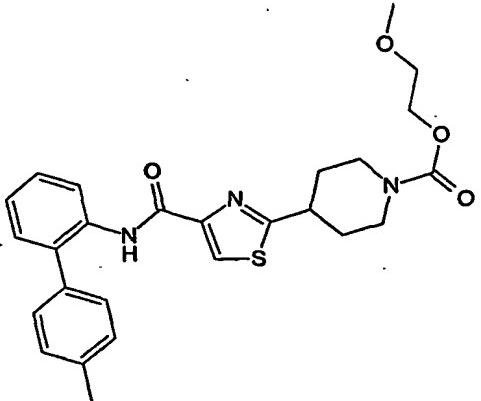
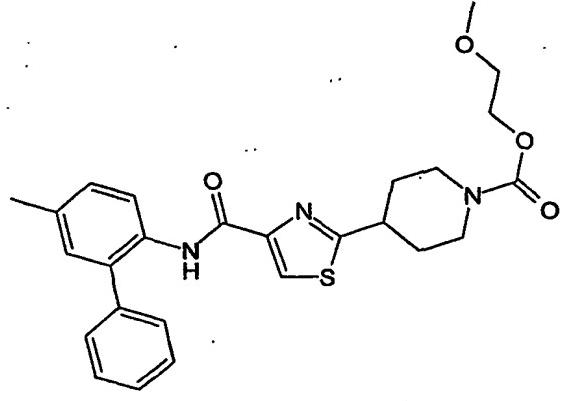
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No.	FORMULA	NMR or mass
734		
735		
736	 <p>allyl 4-[4-((3'-(trifluoromethyl)biphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl]piperidine-1-carboxylate</p>	

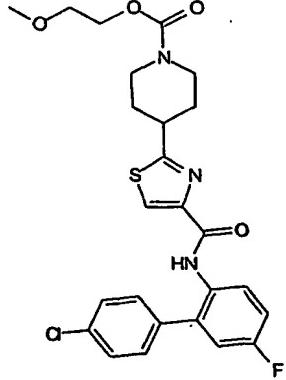
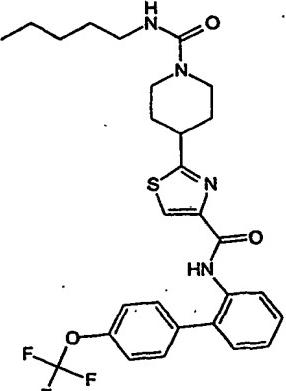
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No.	FORMULA	NMR or mass
737	 <p>allyl 4-[(4'-chlorobiphenyl-2-yl)amino]carbonyl]-1,3-thiazol-2-yl)-piperidine-1-carboxylate</p>	
738	 <p>2-methoxyethyl 4-[(4'-(trifluoromethoxy)biphenyl-2-yl)amino]carbonyl]-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	
739	 <p>2-methoxyethyl 4-[(4'-fluorobiphenyl-2-yl)amino]carbonyl]-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	

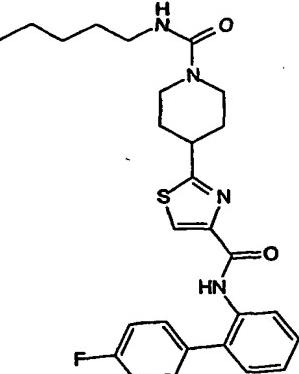
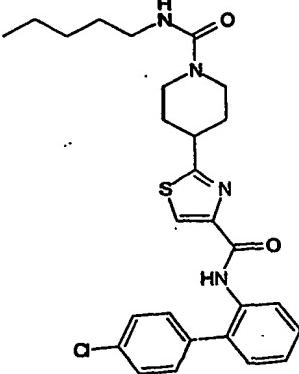
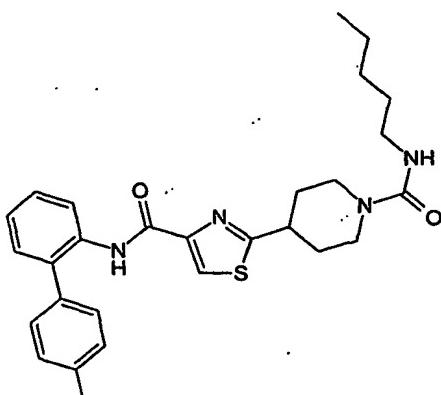
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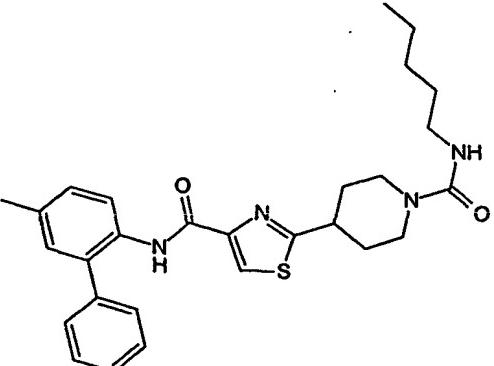
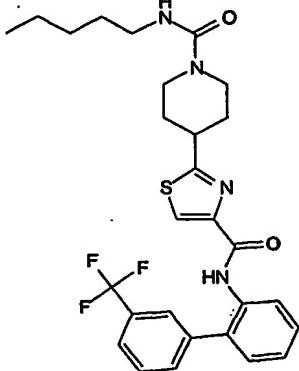
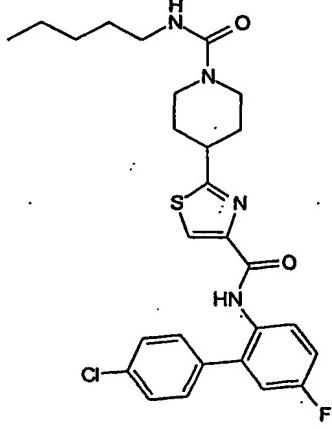
No.	FORMULA	NMR or mass
740	 <p>2-methoxyethyl 4-[(4'-chlorobiphenyl-2-yl)amino]carbonyl]-1,3-thiazol-2-yl)piperidine-1-carboxylate</p>	
741		
742		

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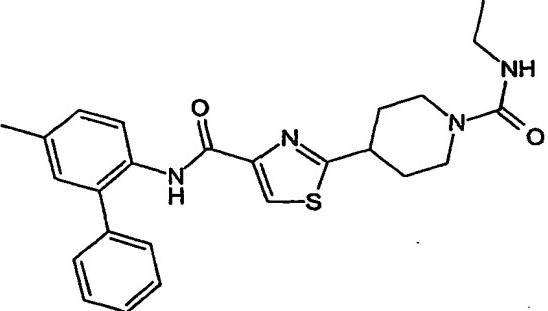
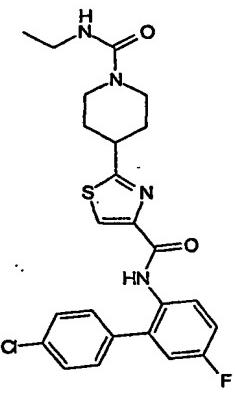
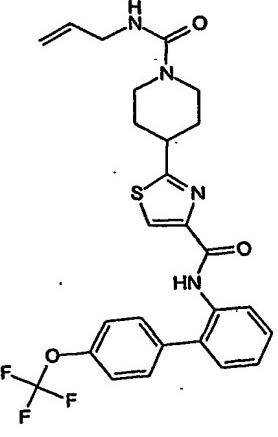
No.	FORMULA	NMR or mass
743	 2-methoxyethyl 4-(4-{[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)piperidine-1-carboxylate	
744	 N-pentyl-4-[4-((4'-trifluoromethoxy)biphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxamide	

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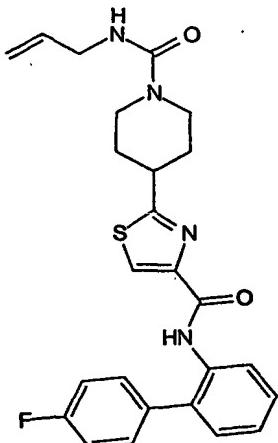
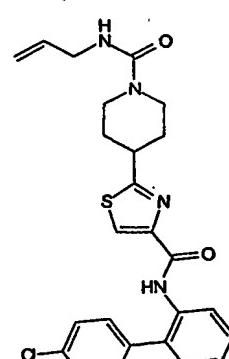
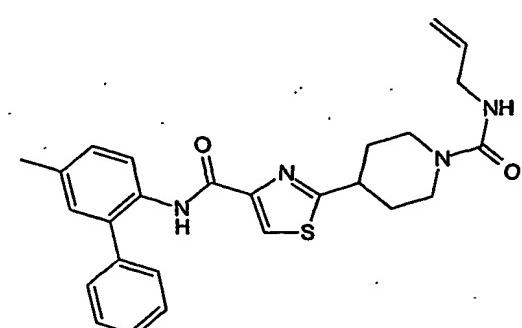
No.	FORMULA	NMR or mass
745	 <p>4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl-N-pentyl-piperidine-1-carboxamide</p>	
746	 <p>4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl-N-pentyl-piperidine-1-carboxamide</p>	
747		

No.	FORMULA	NMR or mass
748		
749	 N-pentyl-4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide	
750	 4-(4-[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl-N-pentylpiperidine-1-carboxamide	

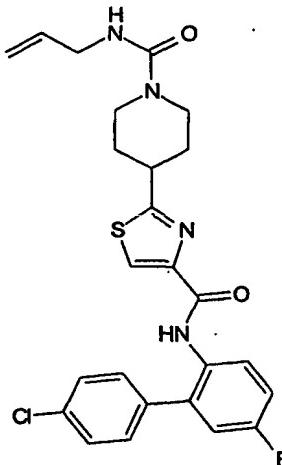
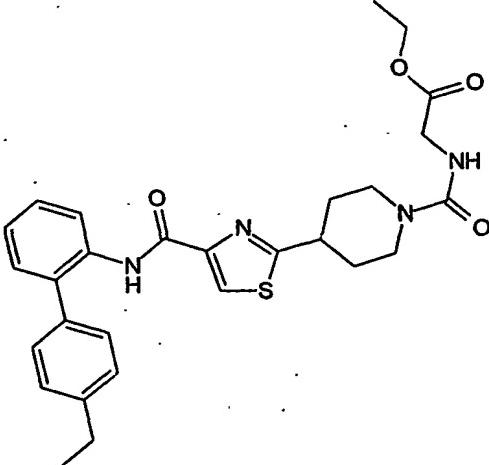
- 299 -

No.	FORMULA	NMR or mass
751		
752	 <p data-bbox="306 1193 1204 1256">4-(4-{{[4'-chloro-5-fluorobiphenyl-2-yl]amino}carbonyl}-1,3-thiazol-2-yl)-N-ethylpiperidine-1-carboxamide</p>	
753	 <p data-bbox="306 1731 1237 1795">N-allyl-4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	

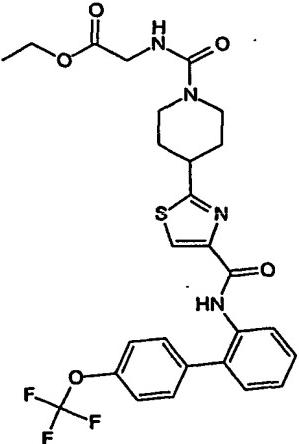
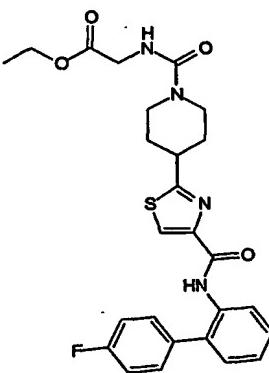
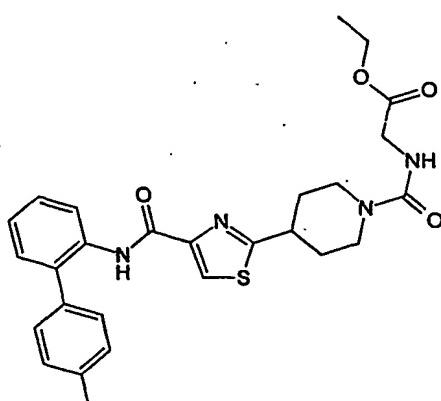
- 300 -

No.	FORMULA	NMR or mass
754	 <p>N-allyl-4-{[(4'-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)-piperidine-1-carboxamide</p>	
755	 <p>N-allyl-4-{[(4'-chlorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)-piperidine-1-carboxamide</p>	
756		

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No.	FORMULA	NMR or mass
757	 <p>N-allyl-4-{[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)piperidine-1-carboxamide</p>	
758	 <p>ethyl N-{[4-(4-[(4-ethylbiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl}carbonylate</p>	

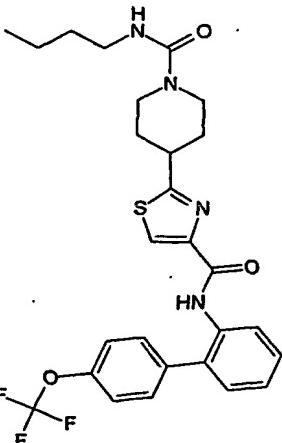
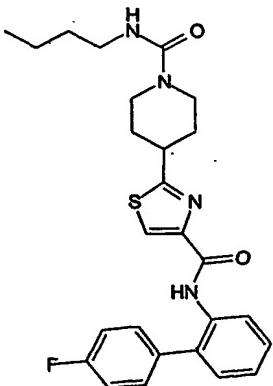
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No.	FORMULA	NMR or mass
759	 <p>ethyl N-({4-[{4'-(trifluoromethoxy)biphenyl-2-yl}amino]carbonyl}-1,3-thiazol-2-yl)piperidin-1-yl carbonyl glycinate</p>	
760	 <p>ethyl N-{{4-[[(4'-fluorobiphenyl-2-yl)amino]carbonyl]-1,3-thiazol-2-yl}-piperidin-1-yl carbonyl}glycinate</p>	
761		

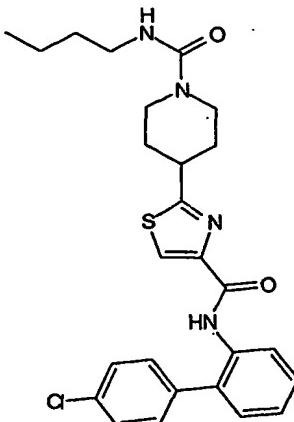
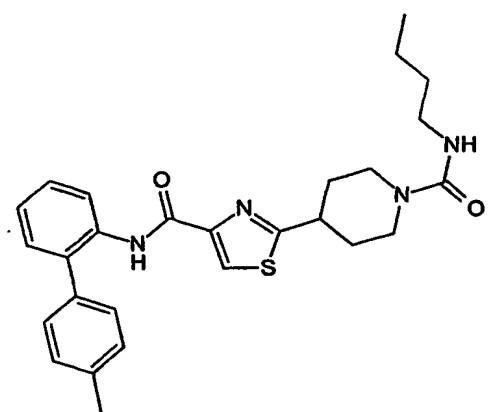
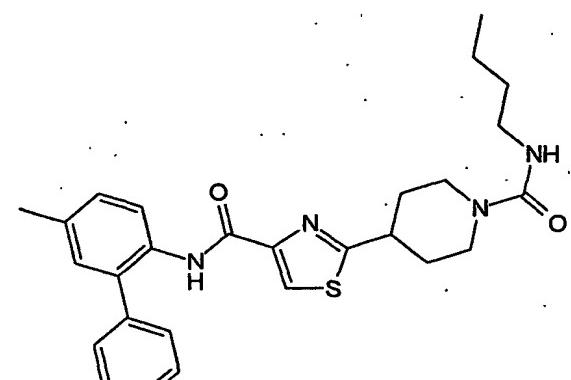
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No.	FORMULA	NMR or mass
762	<p>Chemical structure 762: A biphenyl group attached to an amide group (CONH) which is further attached to a thiazol-2-yl group. This is connected via a methylene bridge to a piperidine ring, which is substituted with a carbamoyl group (CONH2).</p>	
763	<p>Chemical structure 763: A biphenyl group attached to an amide group (CONH) which is further attached to a thiazol-2-yl group. This is connected via a methylene bridge to a piperidine ring, which is substituted with a propylamino group (CH2CH2NH2).</p>	
764	<p>Chemical structure 764: A biphenyl group substituted with a 4-(4-chloro-5-fluorobiphenyl-2-yl)amino group, which is further substituted with a carbamoyl group (CONH2).</p> <p>4-(4-((4'-chloro-5-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl-N-propylpiperidine-1-carboxamide</p>	

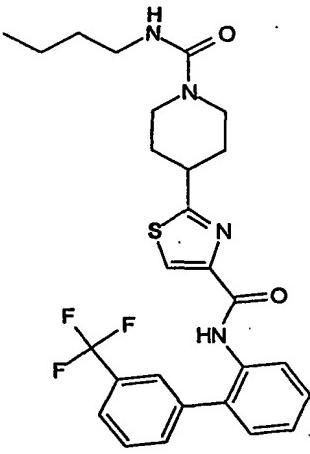
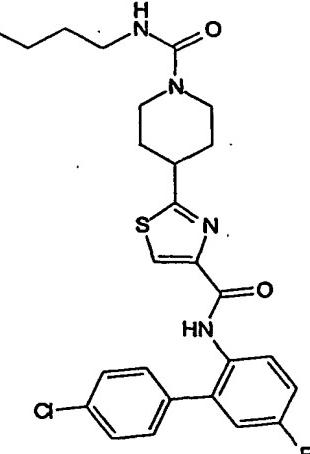
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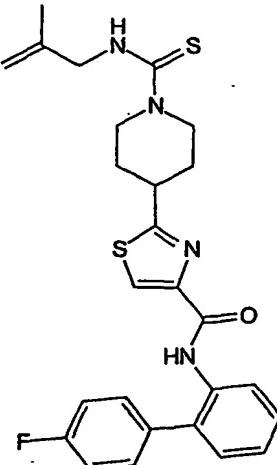
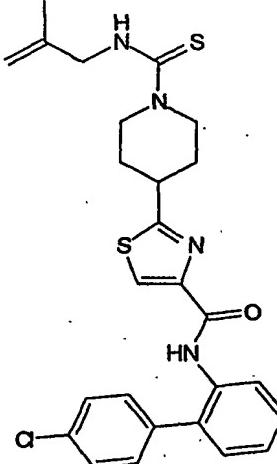
No.	FORMULA	NMR or mass
765	 <p>N-butyl-4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	
766	 <p>N-butyl-4-({[(4'-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)-piperidine-1-carboxamide</p>	

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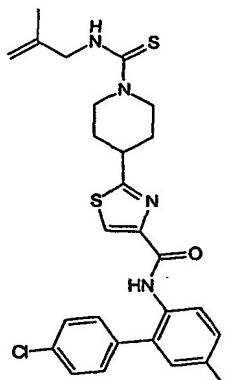
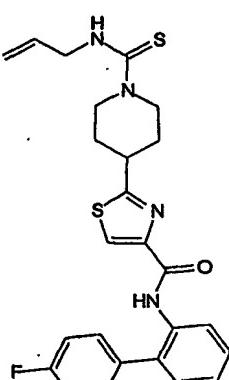
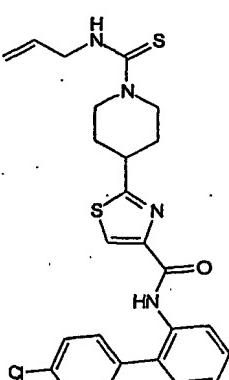
No.	FORMULA	NMR or mass
767	 <p>N-butyl-4-{[(4'-chlorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl-piperidine-1-carboxamide</p>	
768		
769		

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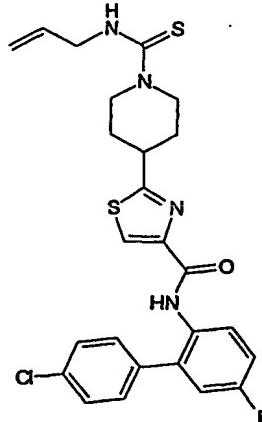
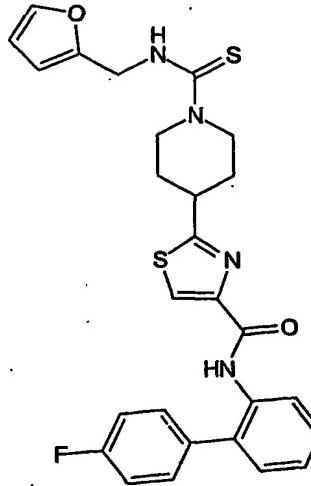
No.	FORMULA	NMR or mass
770	 <p>N-butyl-4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	
771	 <p>N-butyl-4-[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl-1,3-thiazol-2-yl)piperidine-1-carboxamide</p>	

No.	FORMULA	NMR or mass
772	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-[(2-methylprop-2-en-1-yl)amino]carbothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
773	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-[(2-methylprop-2-en-1-yl)amino]carbothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

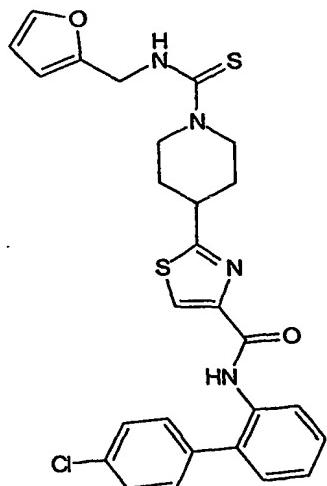
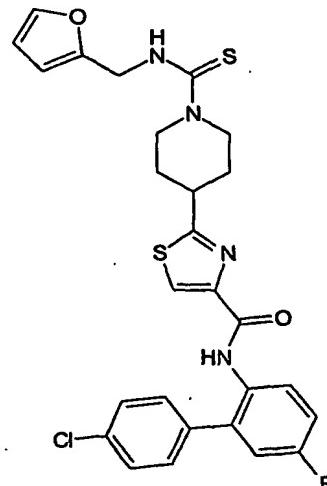
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No.	FORMULA	NMR or mass
774	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{[(2-methylprop-2-en-1-yl)amino]carbonothioyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
775	 <p>2-{1-[(allylamino)carbonothioyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
776	 <p>2-{1-[(allylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

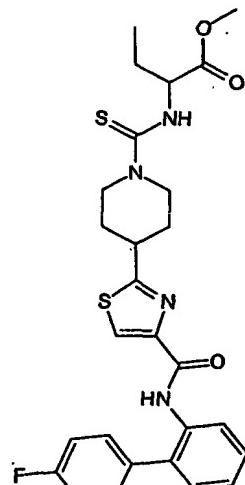
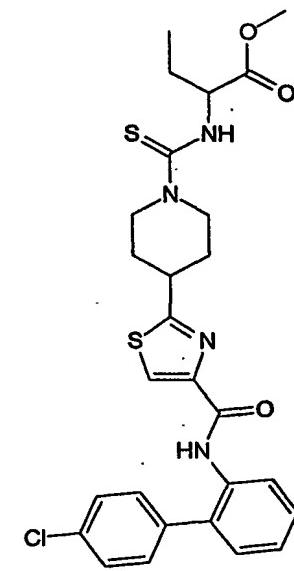
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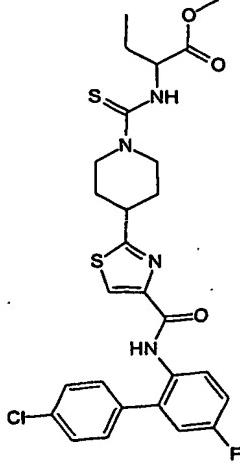
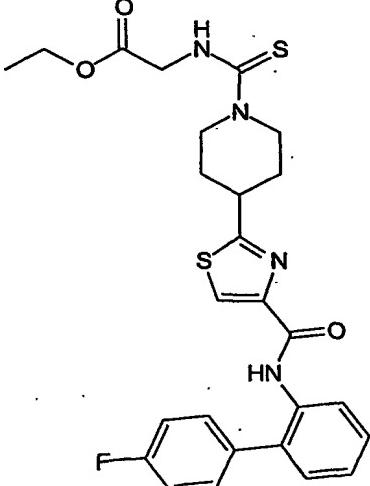
No.	FORMULA	NMR or mass
777	 <p>2-{1-[(allylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
778	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-[(2-furylmethyl)amino]-carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

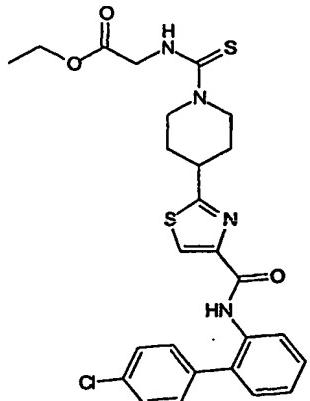
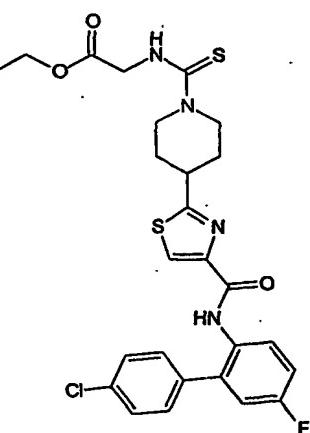
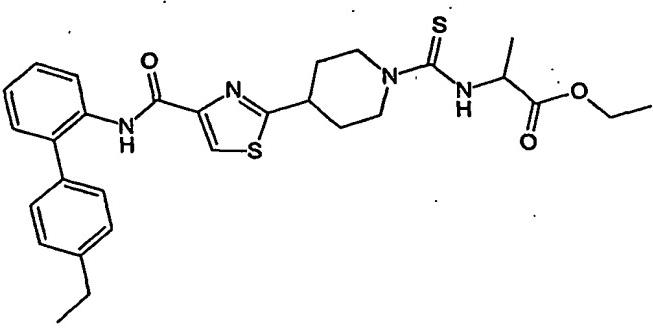
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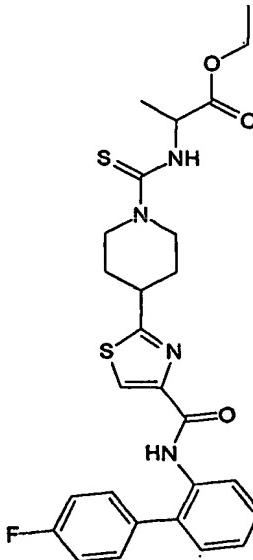
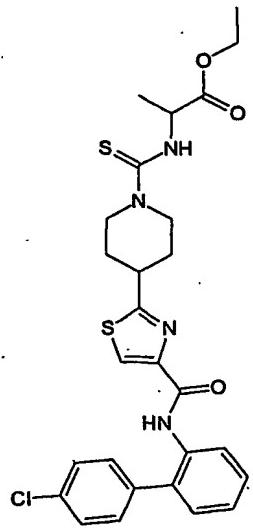
No.	FORMULA	NMR or mass
779	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-[(2-furylmethyl)amino]carbonothioyl)-1,3-thiazole-4-carboxamide</p>	
780	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-[(2-furylmethyl)amino]carbonothioyl)-1,3-thiazole-4-carboxamide</p>	

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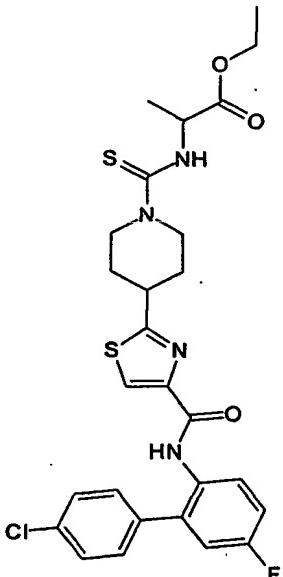
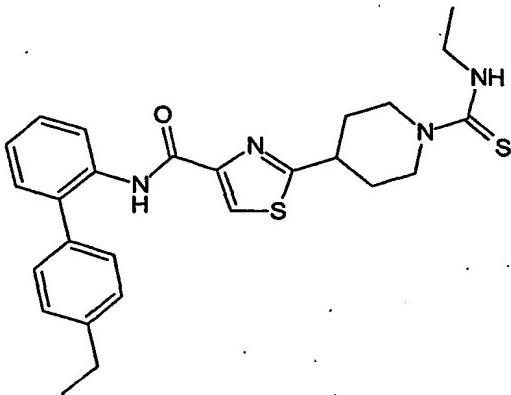
No.	FORMULA	NMR or mass
781	 <p>methyl 2-((4-(4-((4'-fluorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carbonothioylamino)butanoate</p>	
782	 <p>methyl 2-((4-(4-((4'-chlorobiphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carbonothioylamino)butanoate</p>	

No.	FORMULA	NMR or mass
783	 <p>methyl 2-((4-(4-chlorobiphenyl-4-ylamino)carbonyl)-1,3-thiazol-2-yl)piperidin-1-ylcarbonothioylbutanoate</p>	
784	 <p>ethyl N-((4-(4-fluorobiphenyl-4-ylamino)carbonyl)-1,3-thiazol-2-yl)piperidin-1-ylcarbonothioylglycinate</p>	

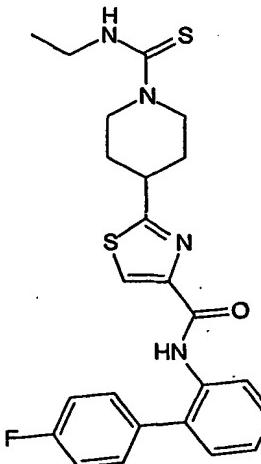
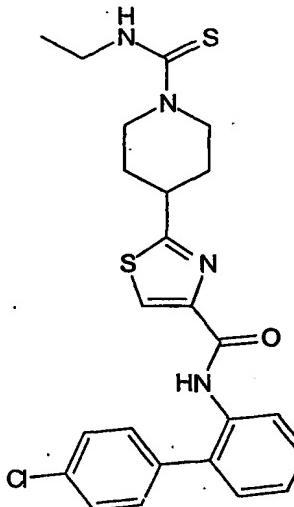
No.	FORMULA	NMR or mass
785	 <p>ethyl N-{[4-(4-{[(4'-chlorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)piperidin-1-yl]carbonothioyl}glycinate</p>	
786	 <p>ethyl N-{[4-(4-{[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)piperidin-1-yl]carbonothioyl}glycinate</p>	
787		

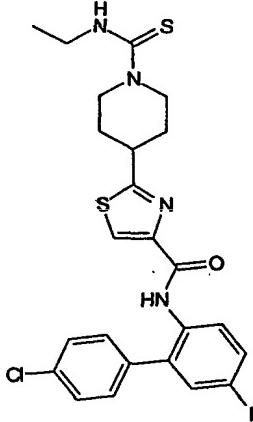
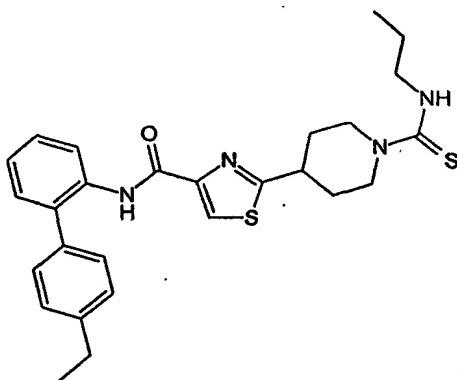
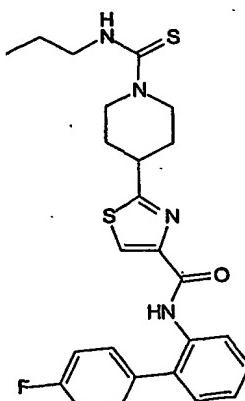
No.	FORMULA	NMR or mass
788	 <p>ethyl N-[4-{[(4'-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl]-piperidin-1-yl]carbonothioylalaninate</p>	
789	 <p>ethyl N-[4-{[(4'-chlorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl]-piperidin-1-yl]carbonothioylalaninate</p>	

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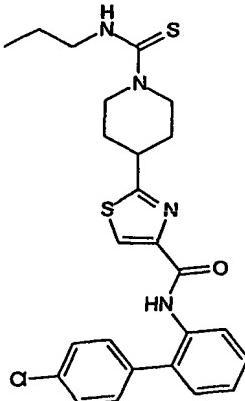
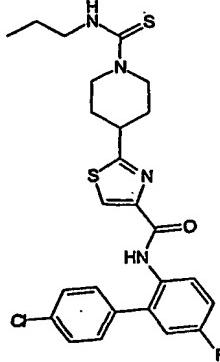
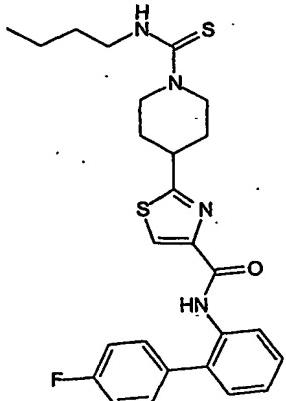
No.	FORMULA	NMR or mass
790	 <p>ethyl N-{[4-(4-{[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)piperidin-1-yl]carbonothioyl}alaninate</p>	
791		

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No.	FORMULA	NMR or mass
792	 <p>2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
793	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
794	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
795		
796	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

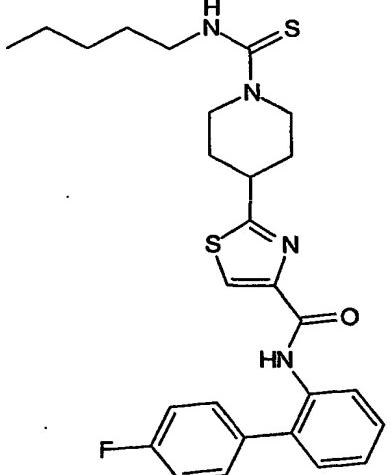
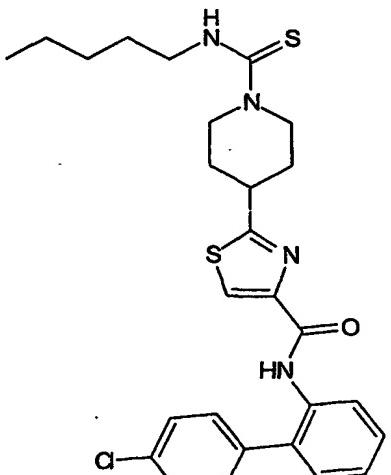
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No.	FORMULA	NMR or mass
797	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
798	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
799	 <p>2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

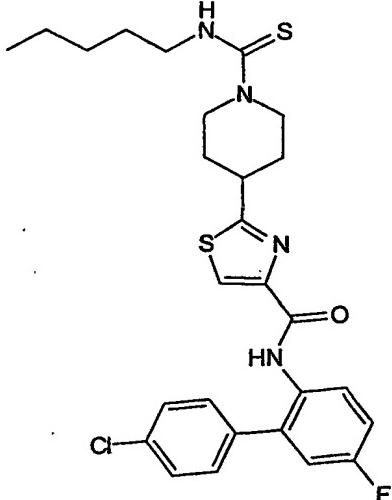
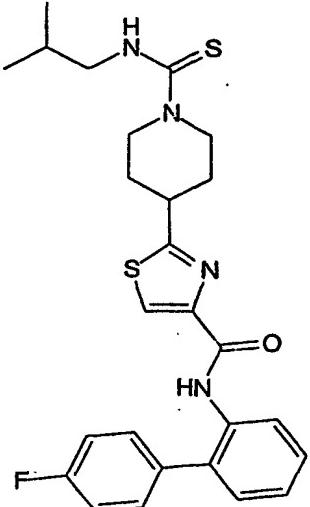
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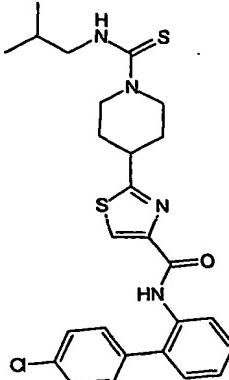
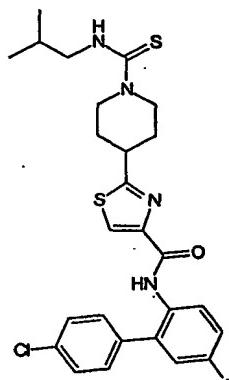
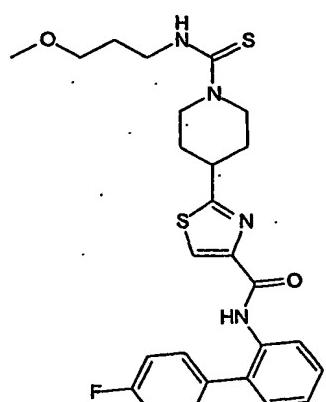
No.	FORMULA	NMR or mass
800	<p>2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
801	<p>2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
802		

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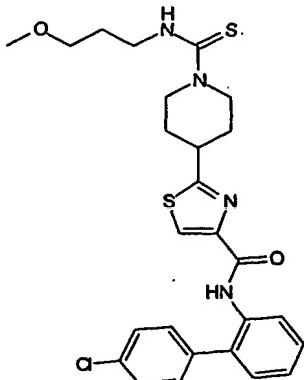
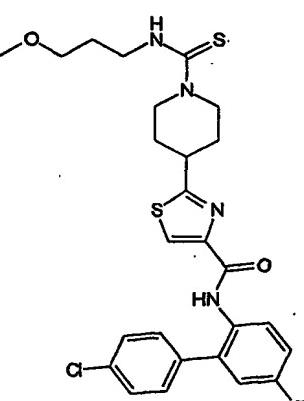
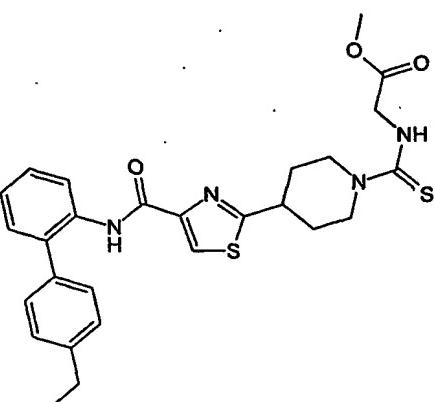
No.	FORMULA	NMR or mass
803	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
804	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

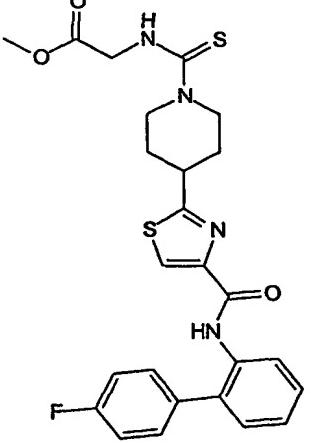
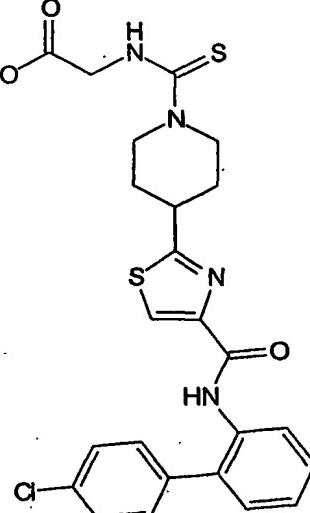
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No.	FORMULA	NMR or mass
805	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
806	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(isobutylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

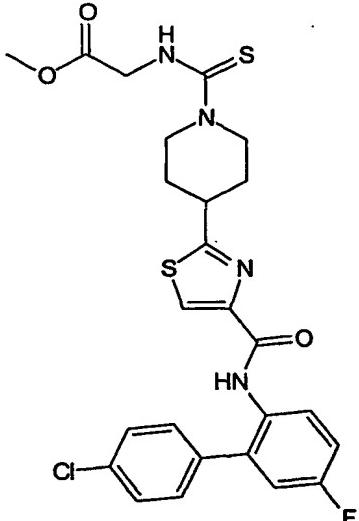
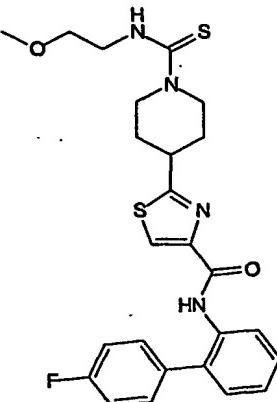
No.	FORMULA	NMR or mass
807	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(isobutylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
808	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(isobutylamino)carbonothioyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
809	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(3-methoxypropyl)amino]carbonothioyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

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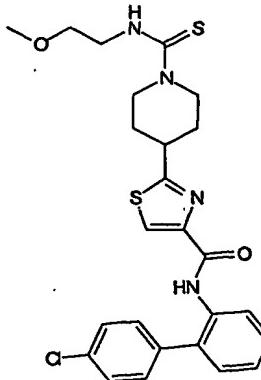
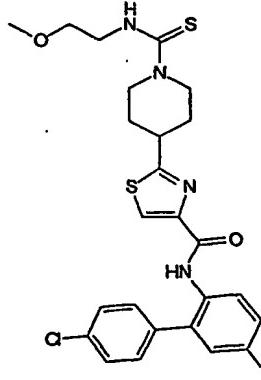
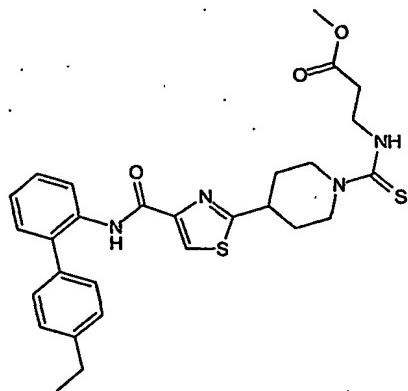
No.	FORMULA	NMR or mass
810	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-{[(3-methoxypropyl)amino]-carbonothioyl}-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
811	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-{[(3-methoxypropyl)amino]-carbonothioyl}-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
812		

No.	FORMULA	NMR or mass
813	 <p>methyl N-[(4-{[4-(4'-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)-piperidin-1-yl]carbonothioyl]glycinate</p>	
814	 <p>methyl N-[(4-{[4-(4-chlorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)-piperidin-1-yl]carbonothioyl]glycinate</p>	

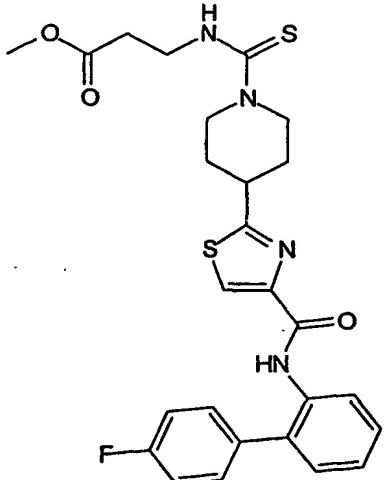
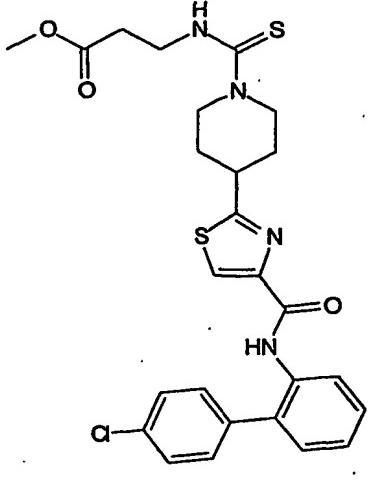
- 325 -

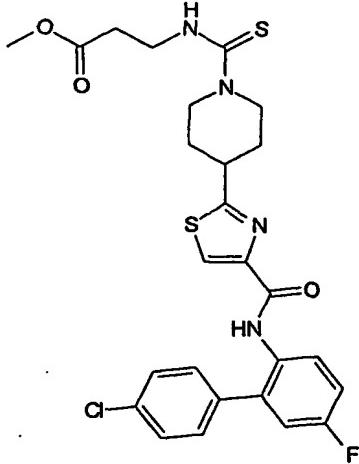
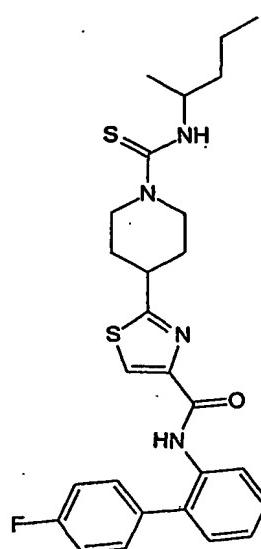
No.	FORMULA	NMR or mass
815	 <p>methyl N-{[4-(4-{[(4'-chlorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)piperidin-1-yl]carbonothioyl}glycinate</p>	
816	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-{[(2-methoxyethyl)amino]-carbonothioyl}-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

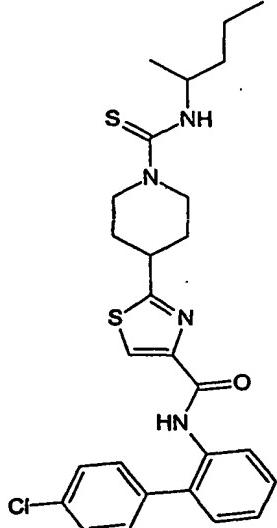
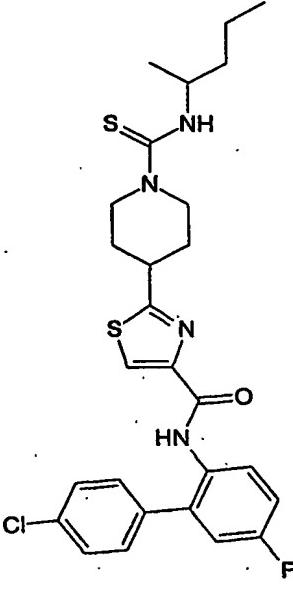
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No.	FORMULA	NMR or mass
817	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-[(2-methoxyethyl)amino]-carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
818	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-[(2-methoxyethyl)amino]-carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
819	 <p>methyl N-[4-{[4-[(4'-ethylbiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl]-piperidin-1-yl]carbonothioyl-beta-alaninate</p>	

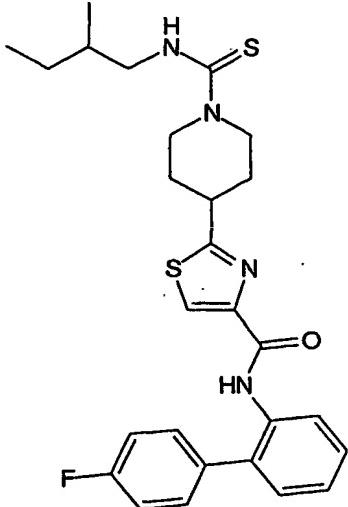
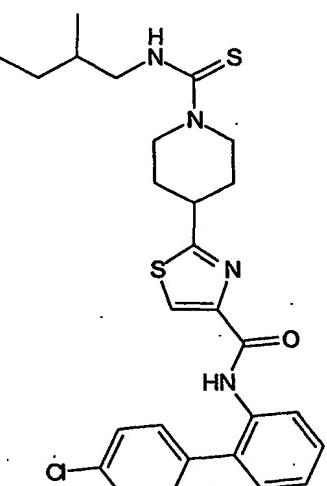
- 327 -

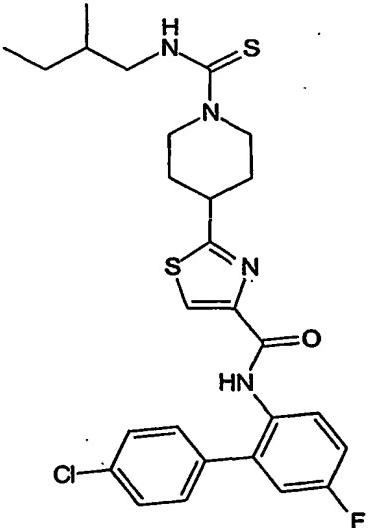
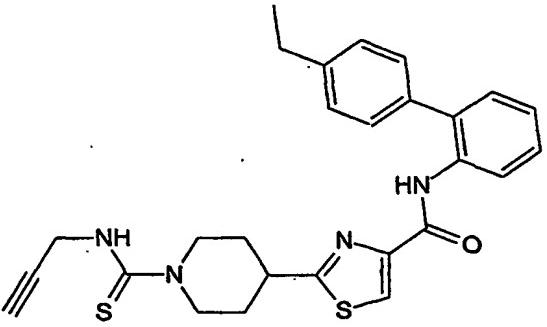
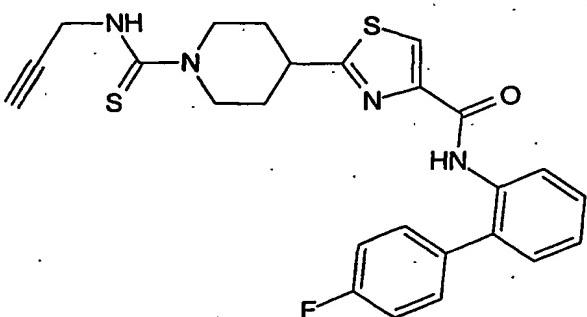
No.	FORMULA	NMR or mass
820	 <p>methyl N-{[4-(4-[(4'-fluorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl}carbonothioyl-beta-alaninate</p>	
821	 <p>methyl N-{[4-(4-[(4'-chlorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]-piperidin-1-yl}carbonothioyl-beta-alaninate</p>	

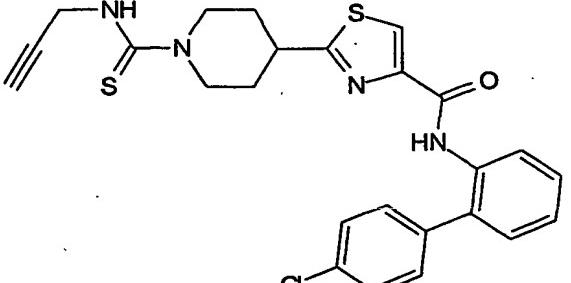
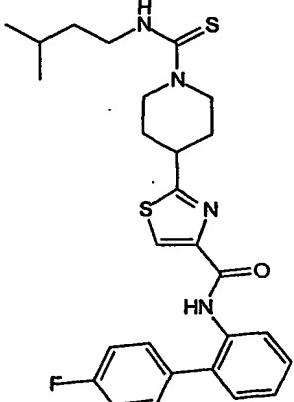
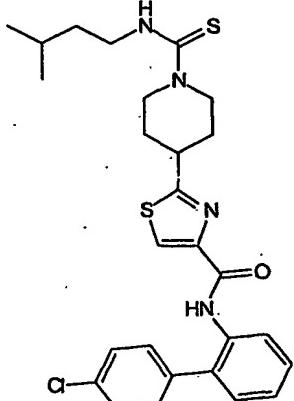
No.	FORMULA	NMR or mass
822	 <p>methyl N-[(4-{[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)piperidin-1-yl]carbonothioyl]-beta-alaninate</p>	
823	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-{[(1-methylbutyl)amino]-carbonothioyl}-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

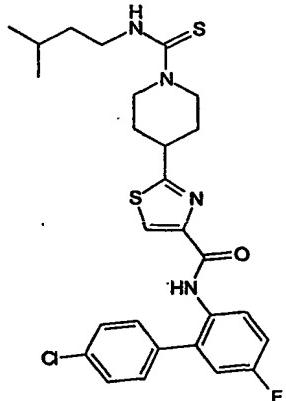
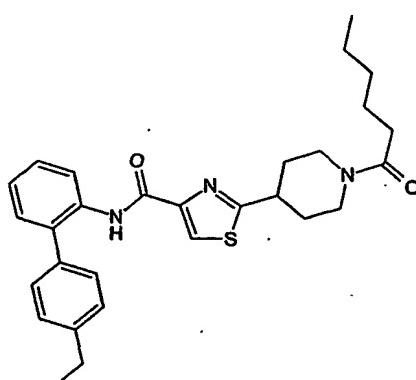
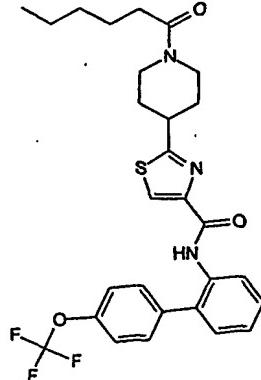
No.	FORMULA	NMR or mass
824	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-{[(1-methylbutyl)amino]-carbonothioyl}-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
825	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-{[(1-methylbutyl)amino]-carbonothioyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

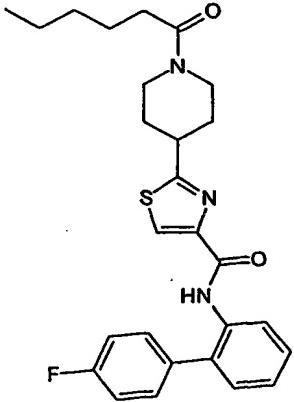
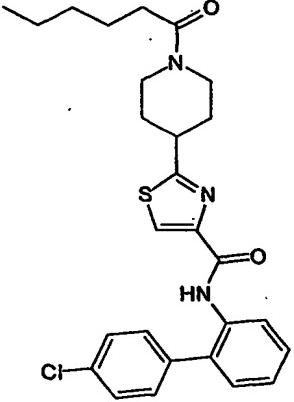
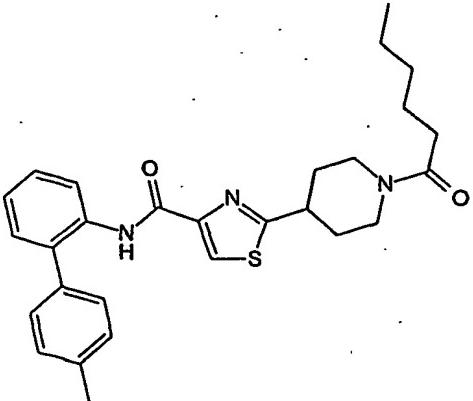
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No.	FORMULA	NMR or mass
826	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-{[(2-methylbutyl)amino]carbonothioyl}-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
827	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-{[(2-methylbutyl)amino]carbonothioyl}-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

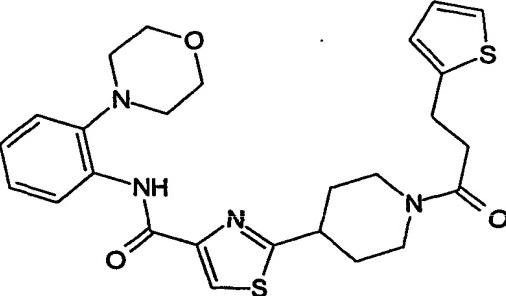
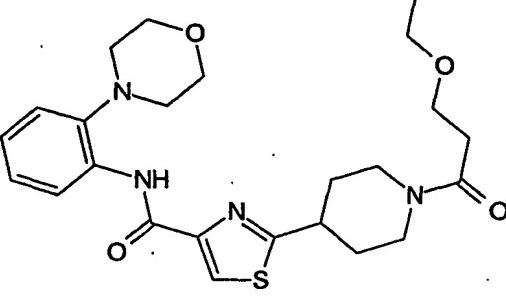
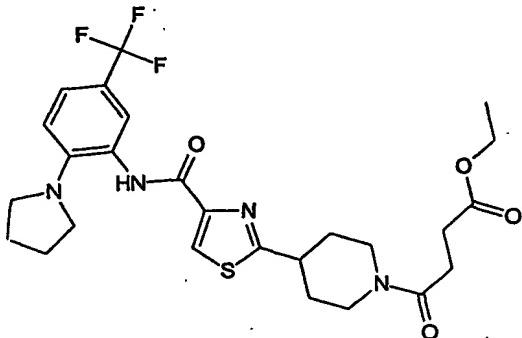
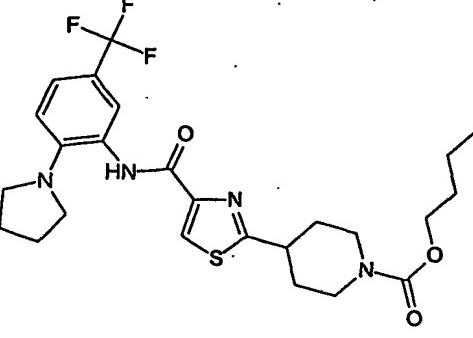
No.	FORMULA	NMR or mass
828	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-{[(2-methylbutyl)amino]carbonylthioyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
829		
830		

No.	FORMULA	NMR or mass
831		
832	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-[(3-methylbutyl)amino]-3-thiopropyl)-1,3-thiazole-4-carboxamide</p>	
833	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-[(3-methylbutyl)amino]-3-thiopropyl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
834	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-{[(3-methylbutyl)amino]-carboothioyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
835	 <p>N-(4'-ethylbiphenyl-2-yl)-2-(1-hexanoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
836	 <p>2-(1-hexanoylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
837	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-hexanoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
838	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-hexanoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
839		

No.	FORMULA	NMR or mass
840		
841	<p>2-(1-hexanoylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
842	<p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-hexanoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
843		
844		
845		
846		

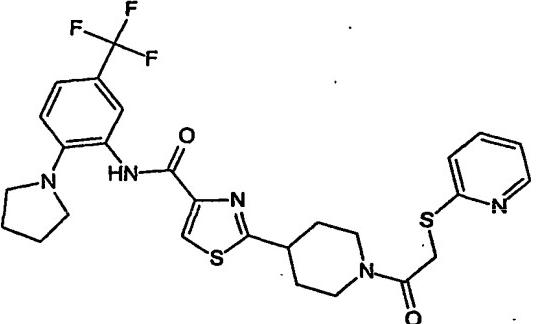
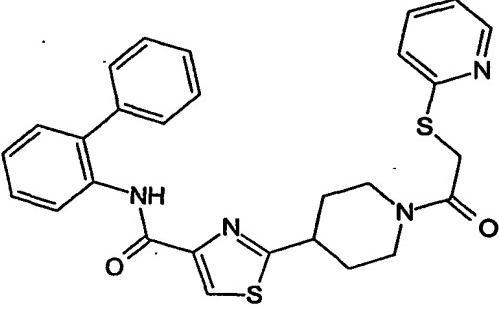
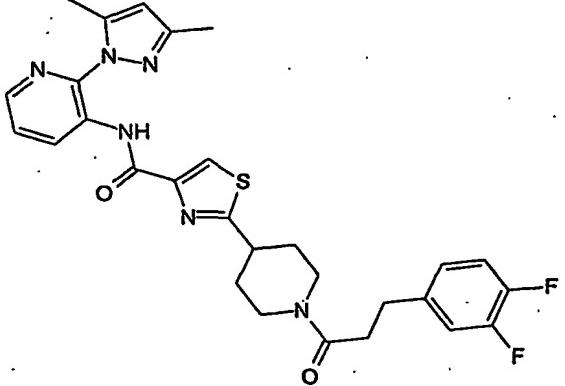
No.	FORMULA	NMR or mass
847		
848		
849		
850		

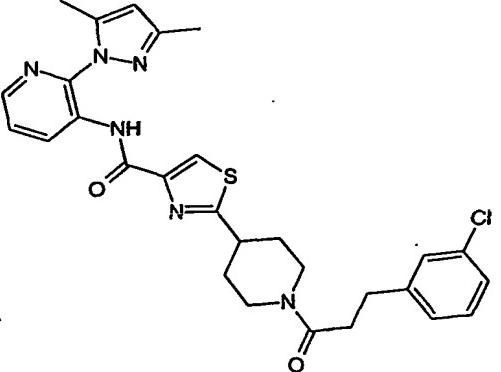
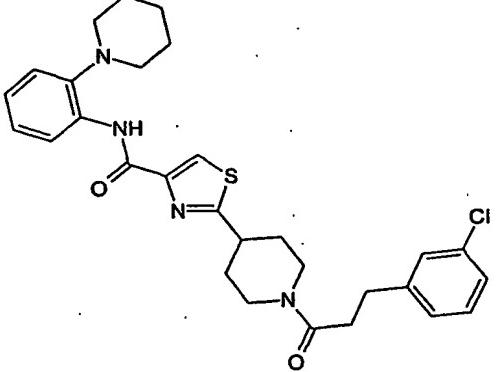
No.	FORMULA	NMR or mass
851		
852		
853		
854		

No.	FORMULA	NMR or mass
855		
856		
857		
858		

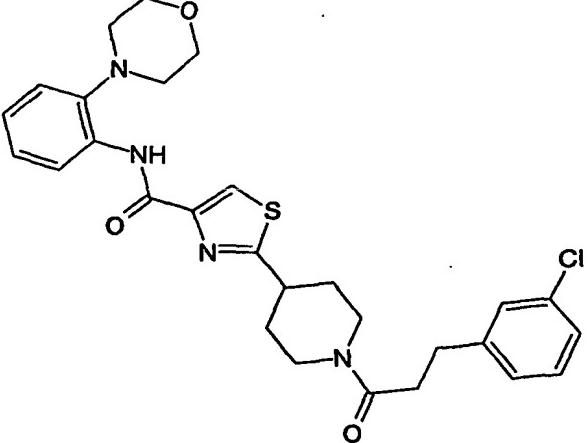
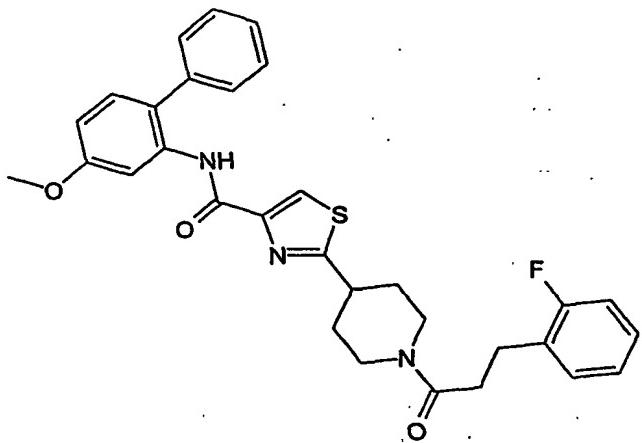
No.	FORMULA	NMR or mass
859		
860		
861		
862		

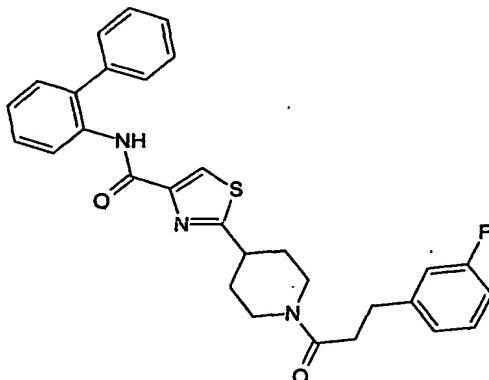
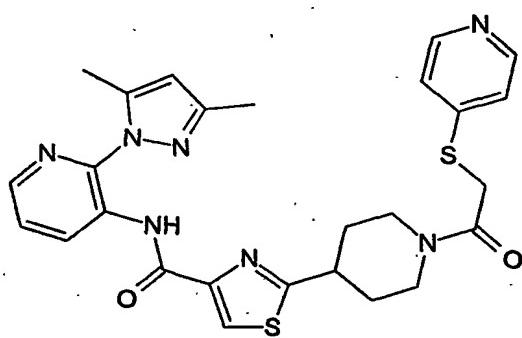
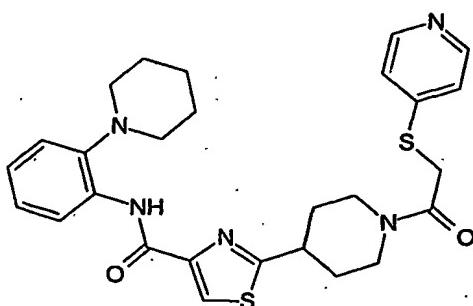
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No.	FORMULA	NMR or mass
863		
864		
865	 <p data-bbox="295 1586 1241 1647">2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	

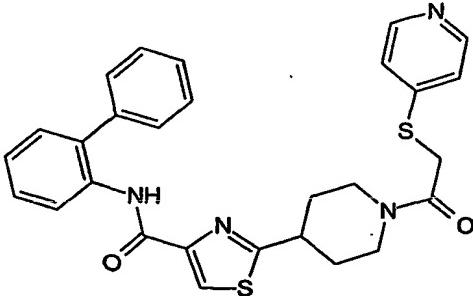
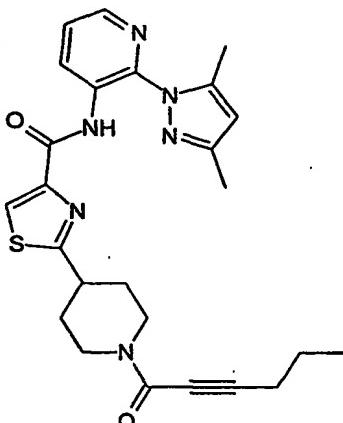
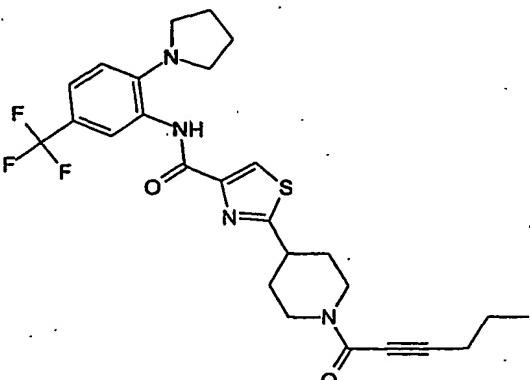
No.	FORMULA	NMR or mass
866	 <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	
867	 <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	

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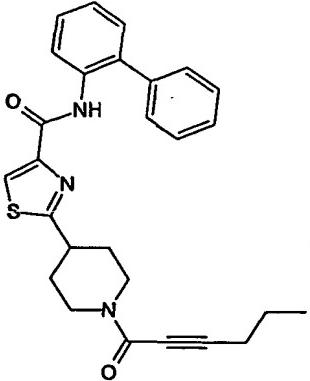
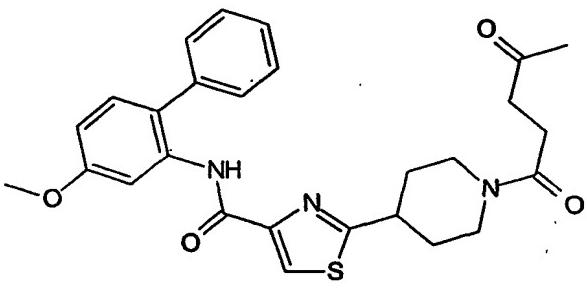
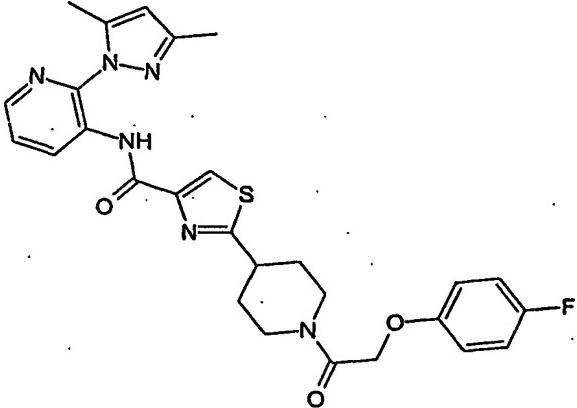
No.	FORMULA	NMR or mass
868	 <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
869	 <p>2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-(4-methoxybiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
870	 <p>N-biphenyl-2-yl-2-{1-[3-(3-fluorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
871		
872		

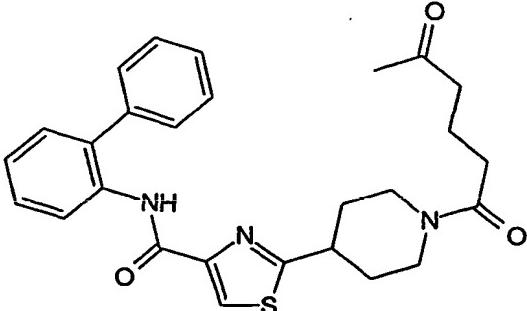
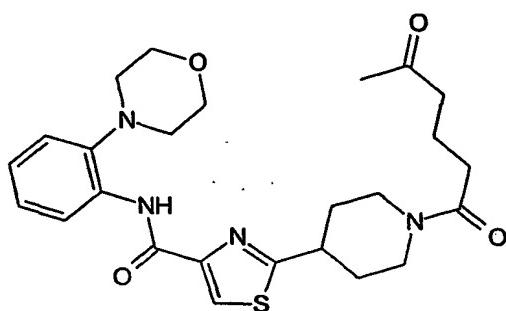
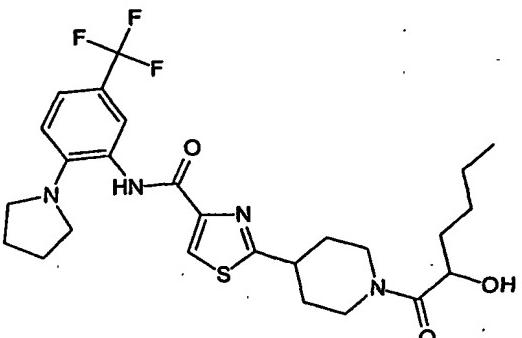
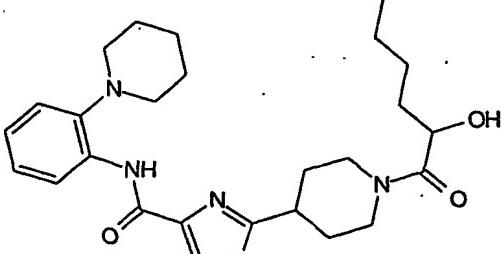
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No.	FORMULA	NMR or mass
873		
874		
	N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide	
875		
	2-(1-hex-2-ynoylpiperidin-4-yl)-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide	

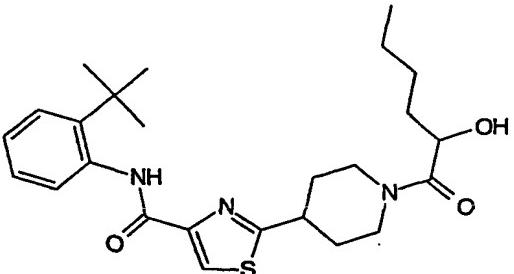
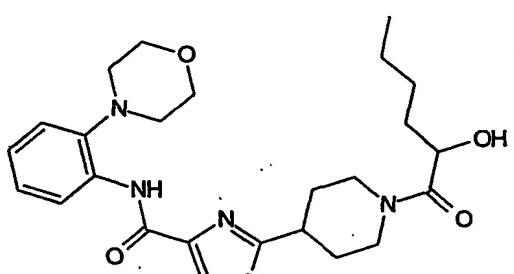
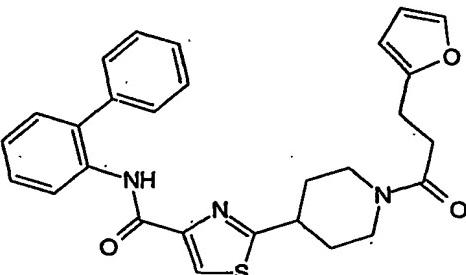
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No.	FORMULA	NMR or mass
876	 <p>N-biphenyl-2-yl-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
877		
878	 <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-{1-[(4-fluorophenoxy)-acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

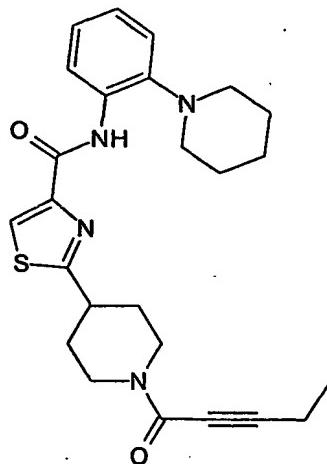
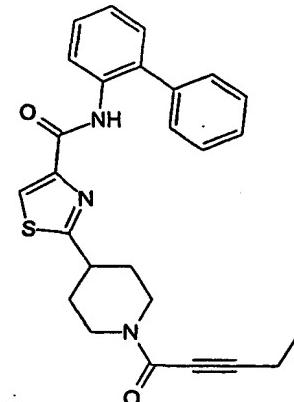
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No.	FORMULA	NMR or mass
879		
880		
881		
882		

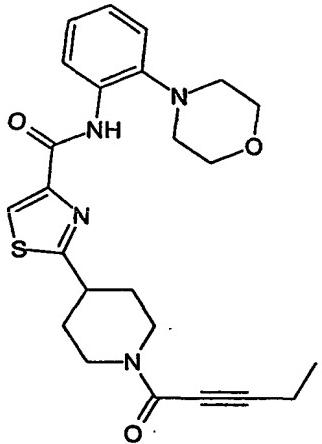
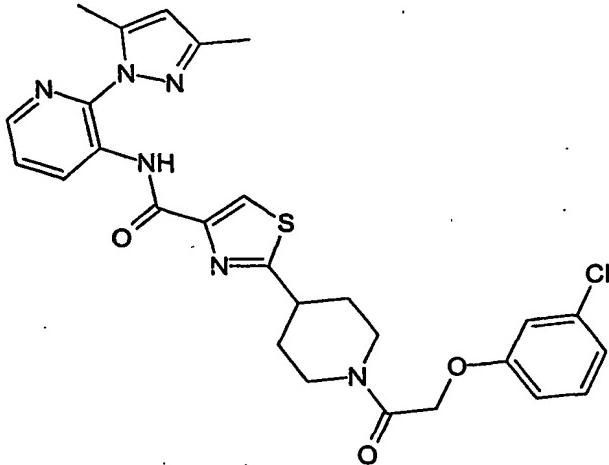
- 348 -

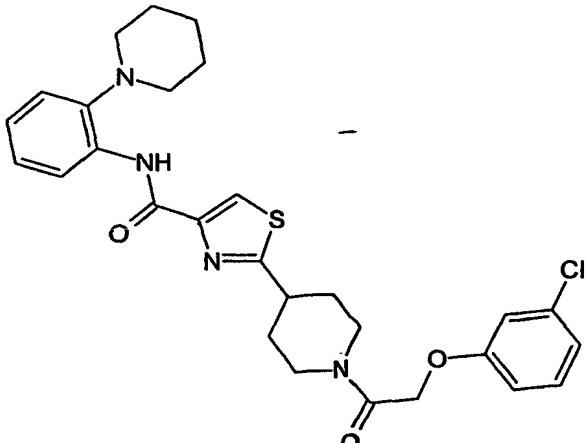
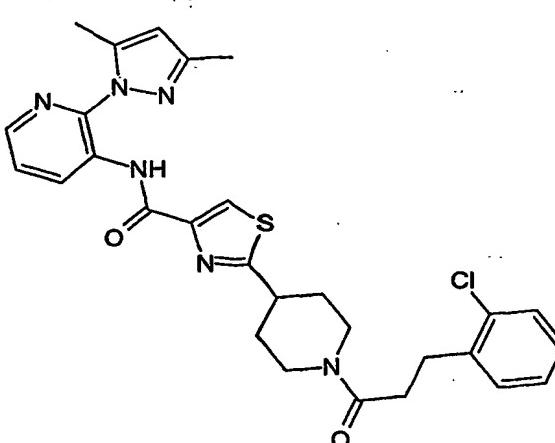
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883		
884		
885		

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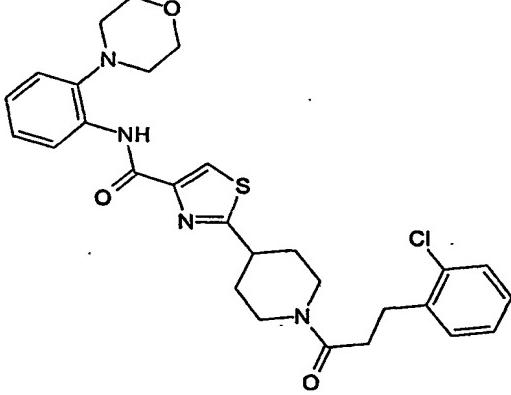
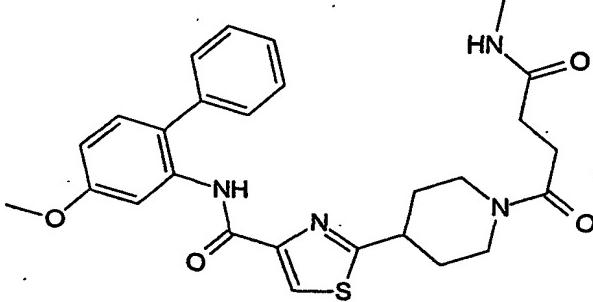
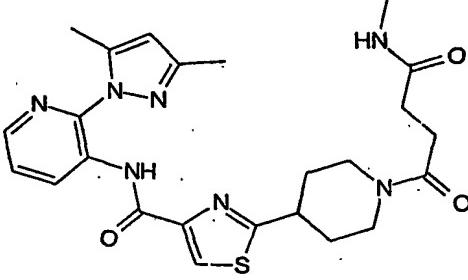
No.	FORMULA	NMR or mass
886	 <p>2-(1-pent-2-ynoylpiperidin-4-yl)-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
887	 <p>N-biphenyl-2-yl-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

- 350 -

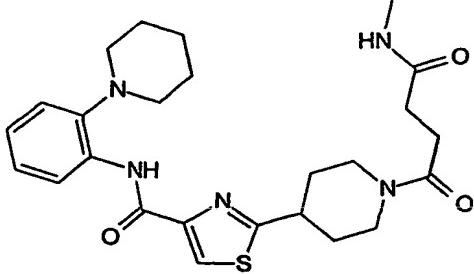
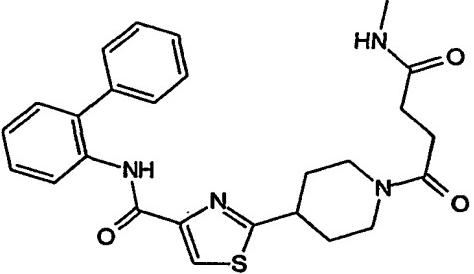
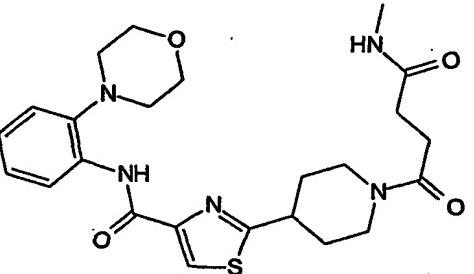
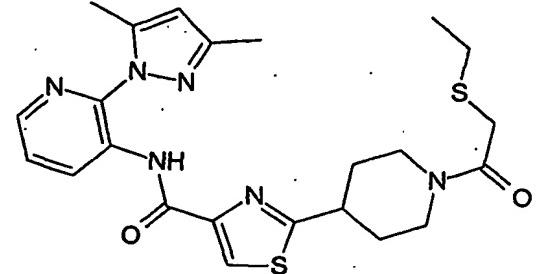
No.	FORMULA	NMR or mass
888	 <p>N-(2-morpholin-4-ylphenyl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
889	 <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
890	 <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
891	 <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	

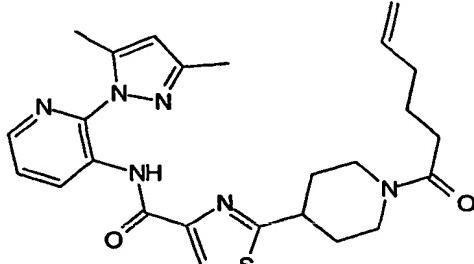
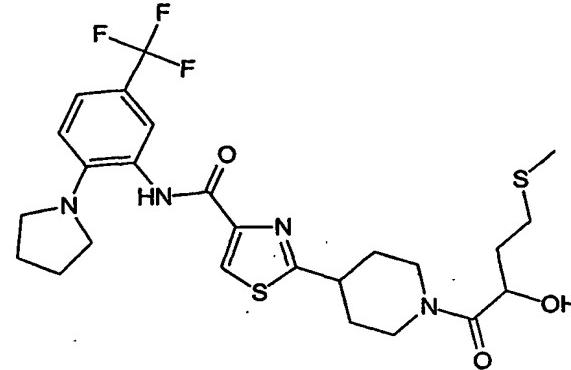
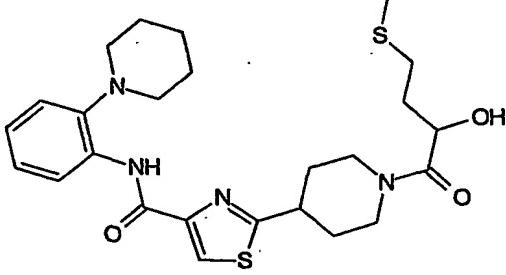
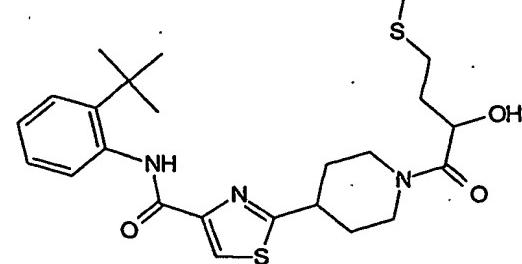
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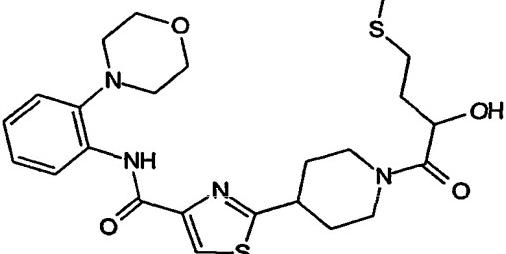
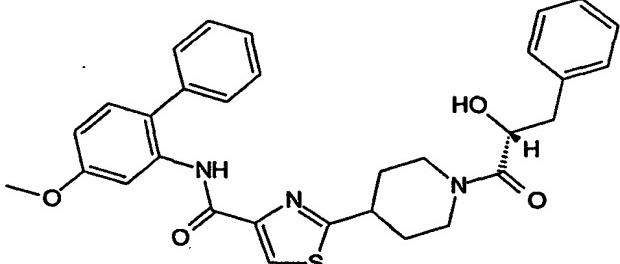
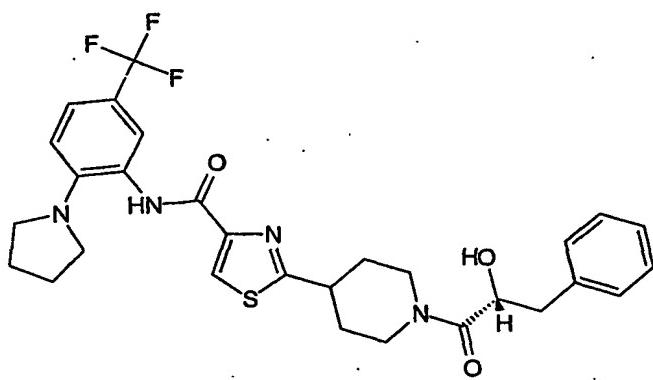
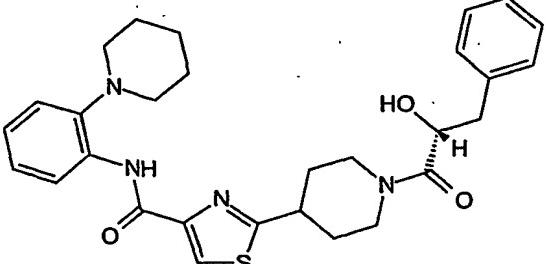
No.	FORMULA	NMR or mass
892	 <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-(2-morpholin-4-yl-phenyl)-1,3-thiazole-4-carboxamide</p>	
893		
894		

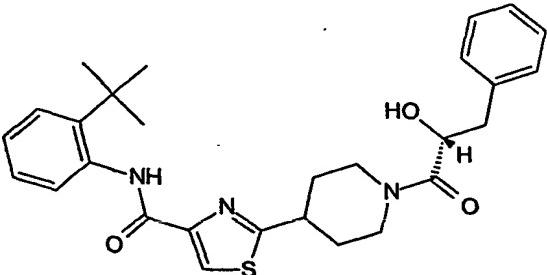
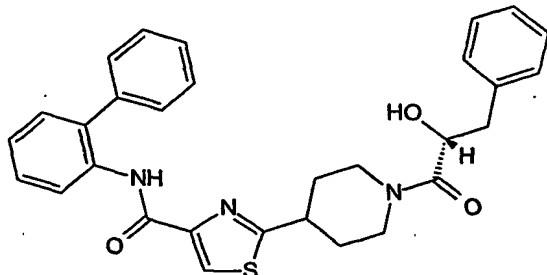
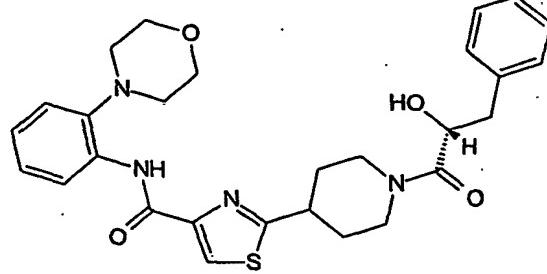
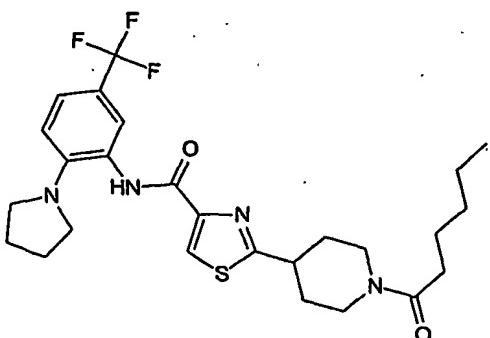
- 353 -

No.	FORMULA	NMR or mass
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896		
897		
898		

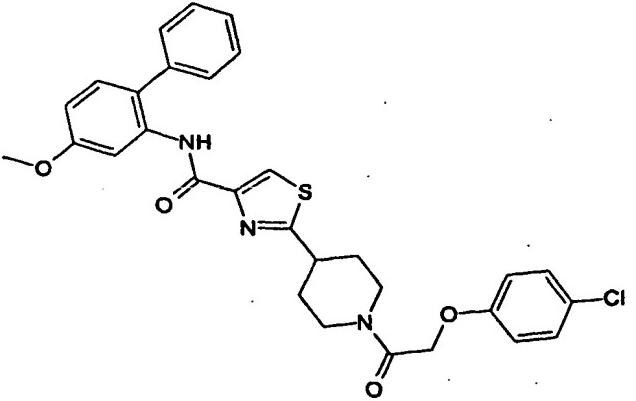
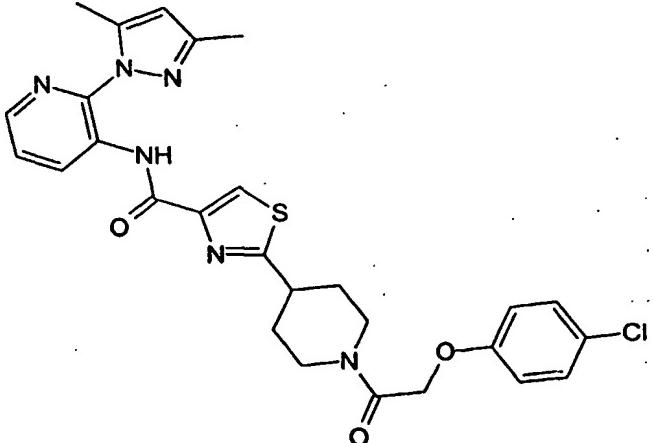
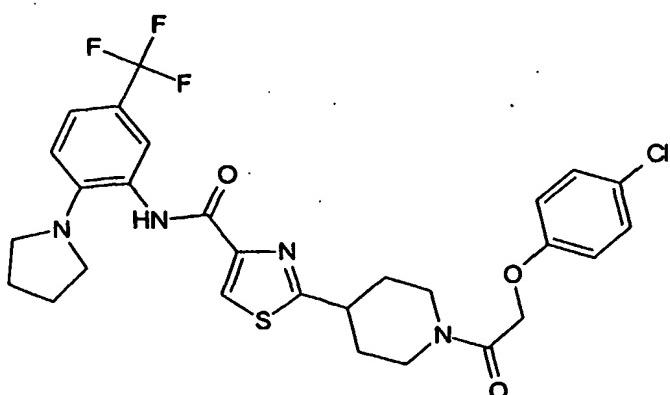
No.	FORMULA	NMR or mass
899		
900		
901		
902		

No.	FORMULA	NMR or mass
903		
904		
905		
906		

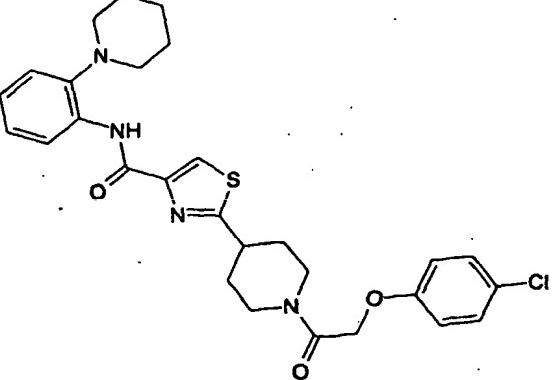
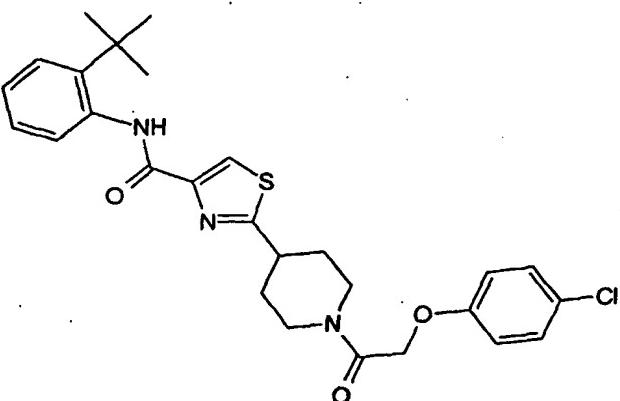
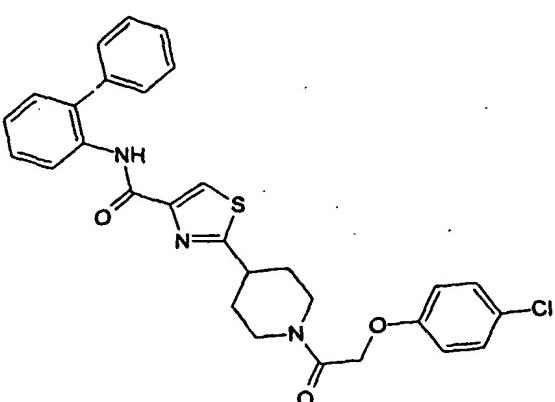
No.	FORMULA	NMR or mass
907		
908		
909		
910		

No.	FORMULA	NMR or mass
911		
912		
913		
914		

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No.	FORMULA	NMR or mass
915		
916		
917		

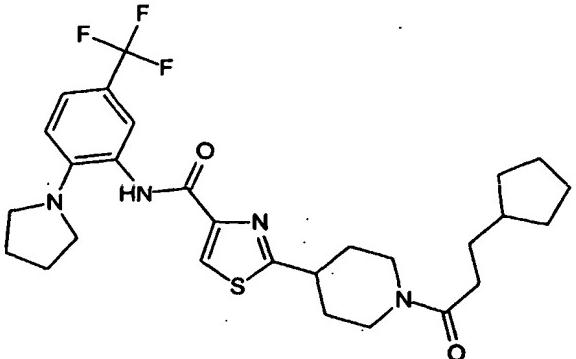
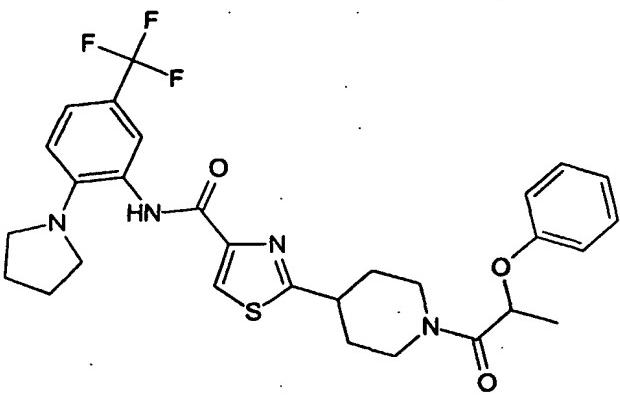
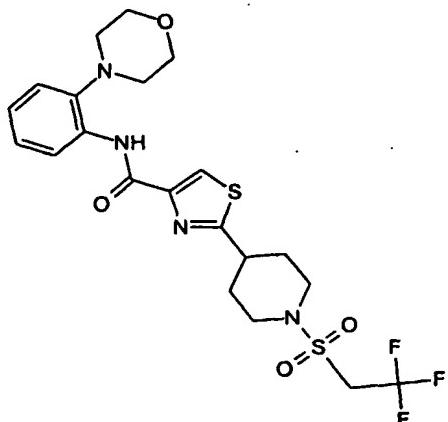
- 359 -

No.	FORMULA	NMR or mass
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919		
920		

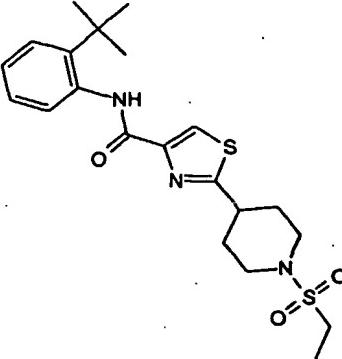
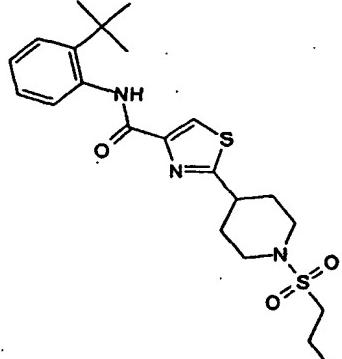
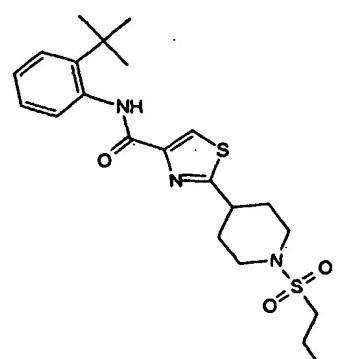
- 360 -

No.	FORMULA	NMR or mass
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922		
923		

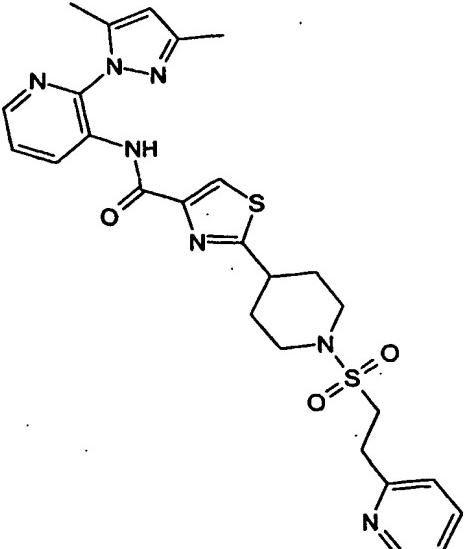
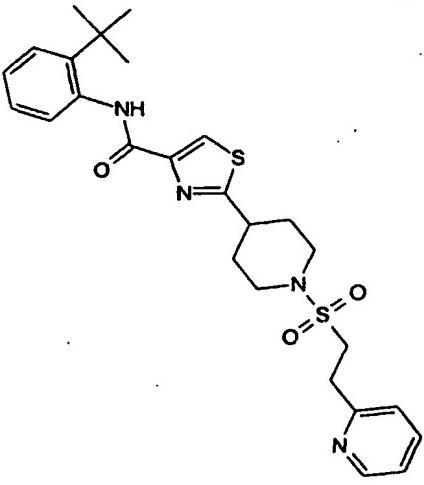
- 361 -

No.	FORMULA	NMR or mass
924		
925		
926	 <p data-bbox="295 1845 1209 1915">         N-(2-morpholin-4-ylphenyl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide       </p>	

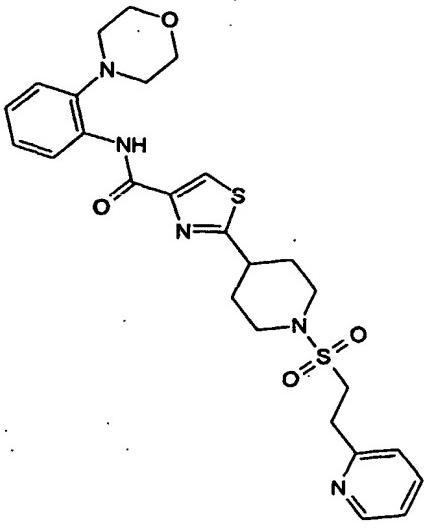
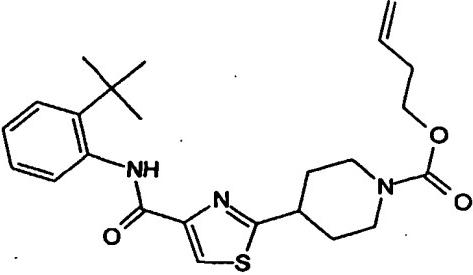
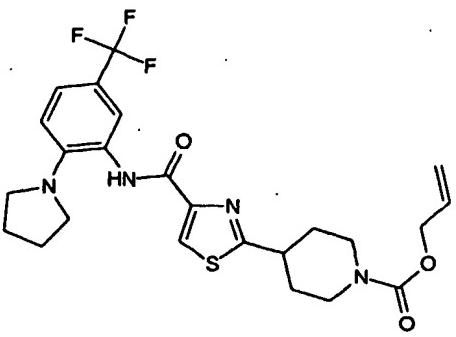
- 362 -

No.	FORMULA	NMR or mass
927	 <p>N-(2-tert-butylphenyl)-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
928	 <p>N-(2-tert-butylphenyl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
929	 <p>N-(2-tert-butylphenyl)-2-[1-(butylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

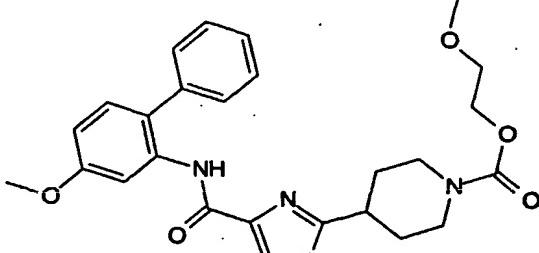
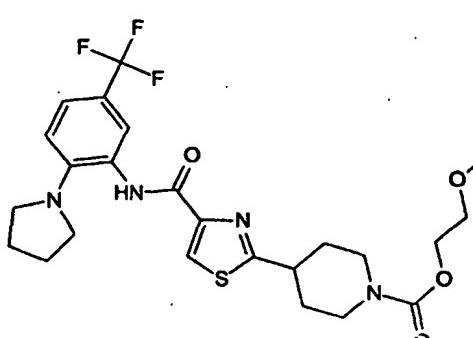
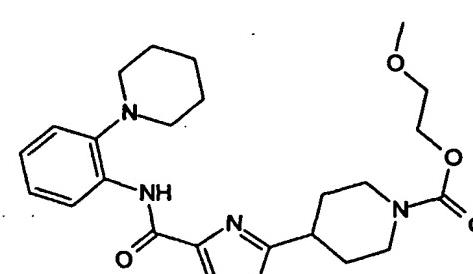
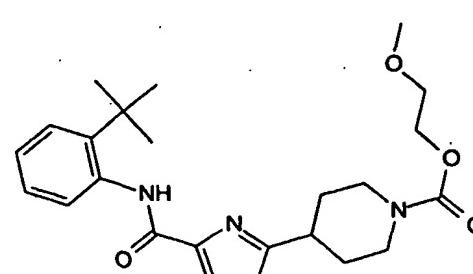
- 363 -

No.	FORMULA	NMR or mass
930	 <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
931	 <p>N-(2-tert-butylphenyl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

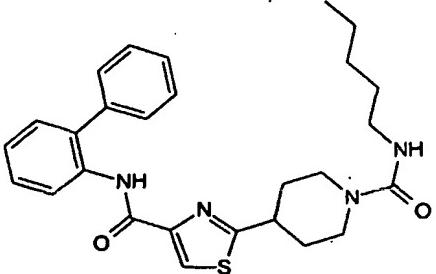
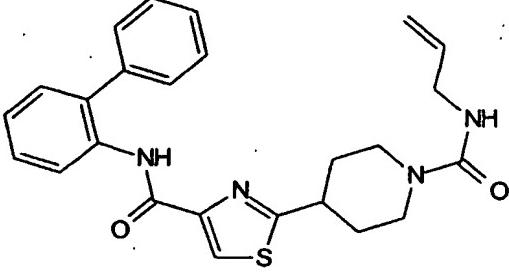
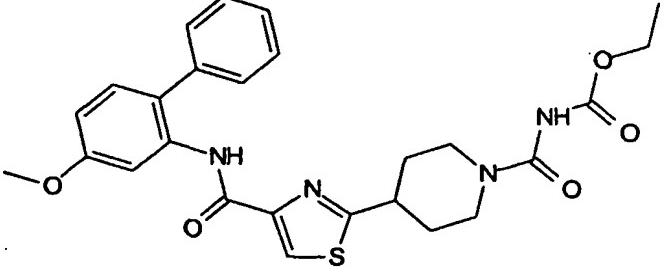
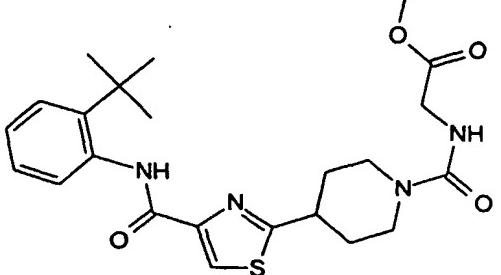
- 364 -

No.	FORMULA	NMR or mass
932	 <p>N-(2-morpholin-4-ylphenyl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
933		
934		

- 365 -

No.	FORMULA	NMR or mass
935		
936		
937		
938		

- 366 -

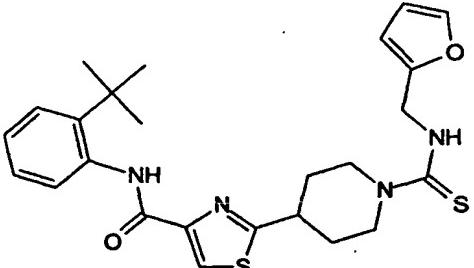
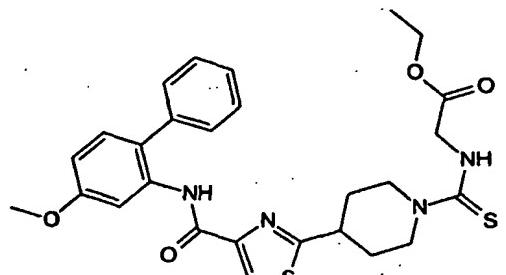
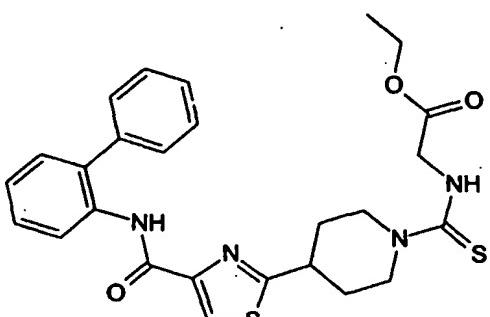
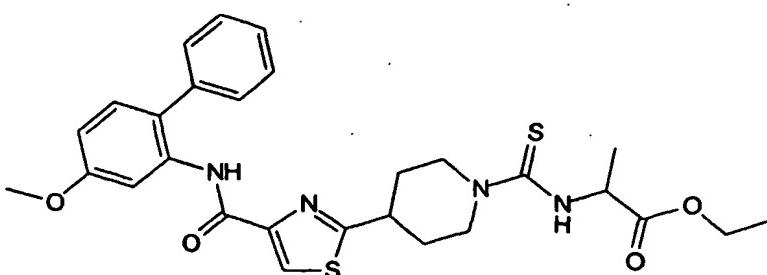
No.	FORMULA	NMR or mass
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940		
941		
942		

- 367 -

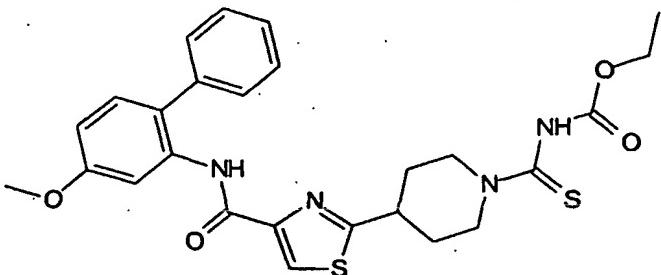
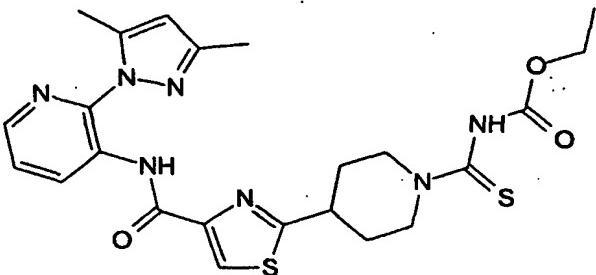
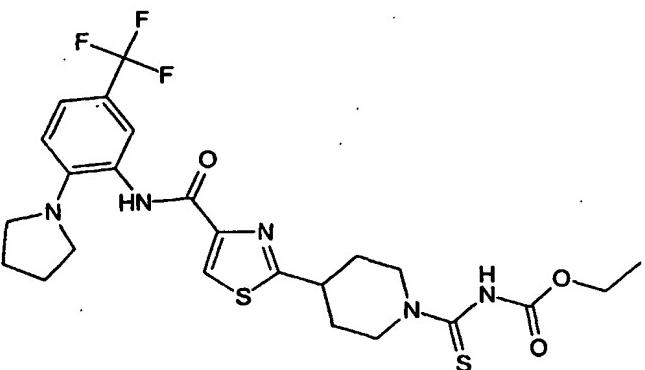
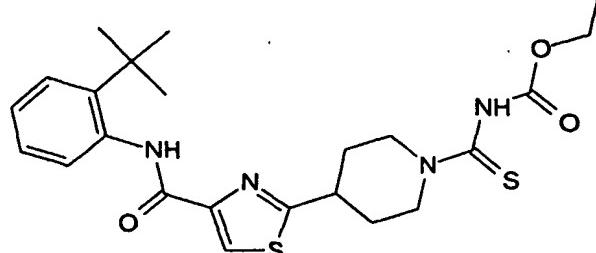
No.	FORMULA	NMR or mass
943		
944		
945		
946		

No.	FORMULA	NMR or mass
947		
948		
949		
950		

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No.	FORMULA	NMR or mass
951		
952		
953		
954		

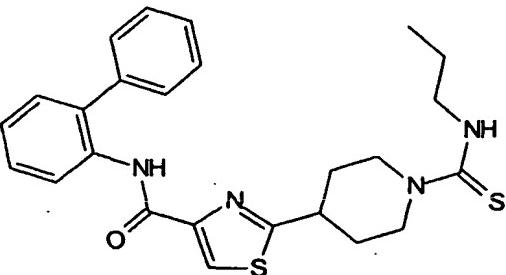
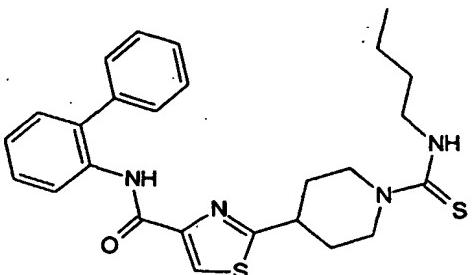
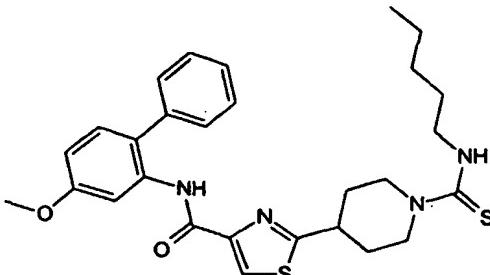
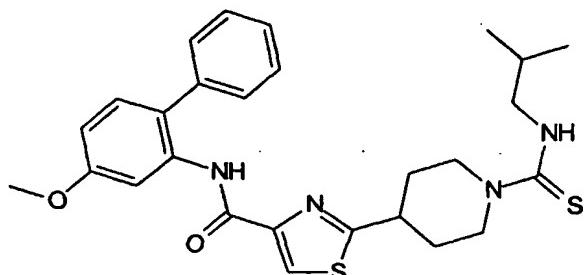
- 370 -

No.	FORMULA	NMR or mass
955		
956		
957		
958		

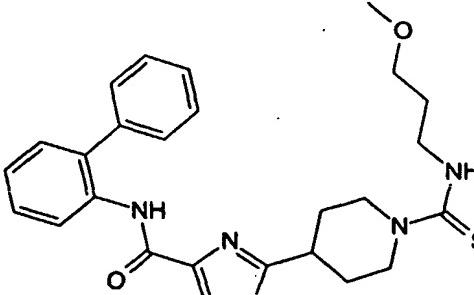
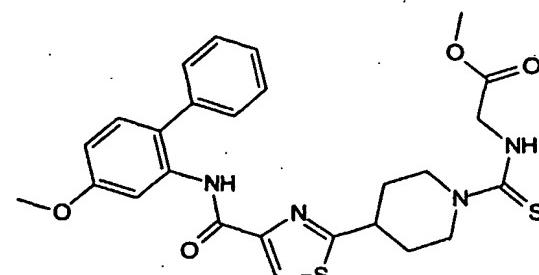
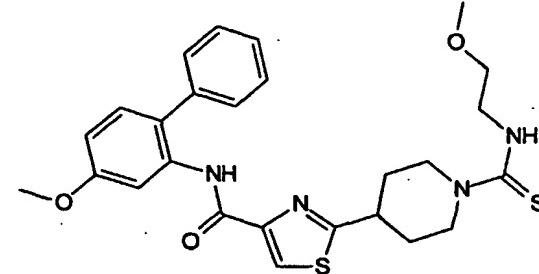
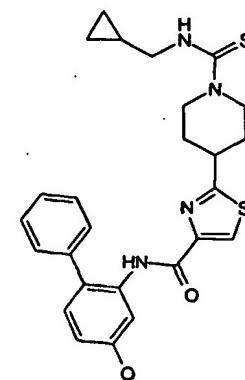
- 371 -

No.	FORMULA	NMR or mass
959		
960		
961		
962		

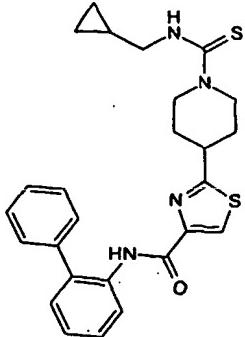
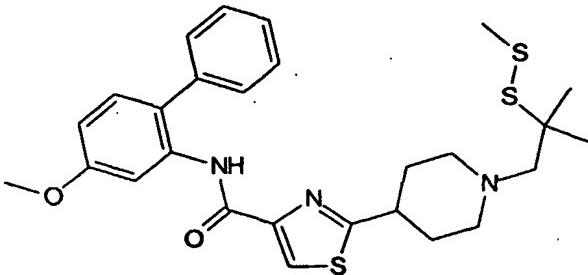
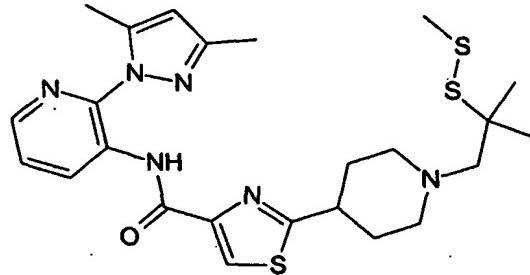
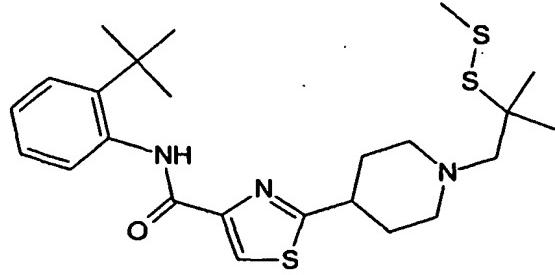
- 372 -

No.	FORMULA	NMR or mass
963		
964		
965		
966		

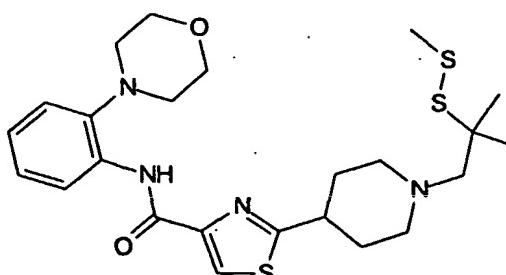
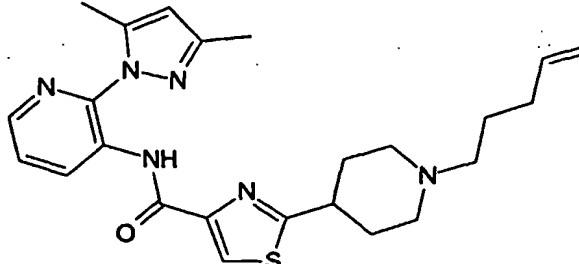
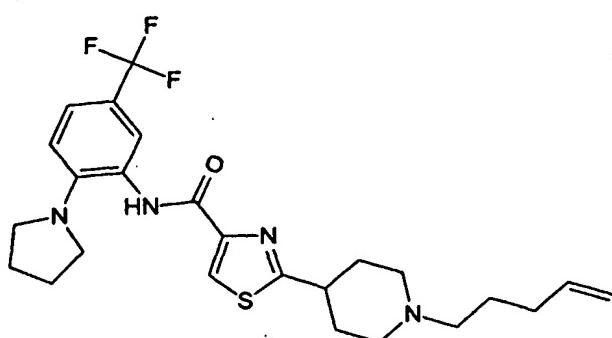
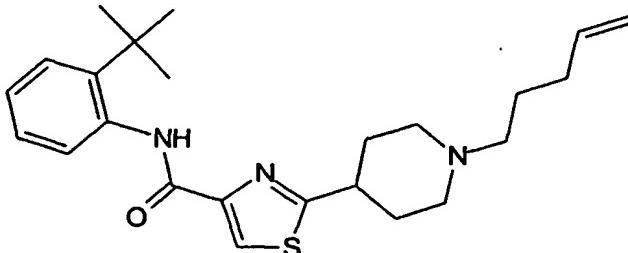
- 373 -

No.	FORMULA	NMR or mass
967		
968		
969		
970	 <p>2-(1-((cyclopropylmethyl)amino)carbonothioyl)piperidin-4-yl)-N-(4-methoxybiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

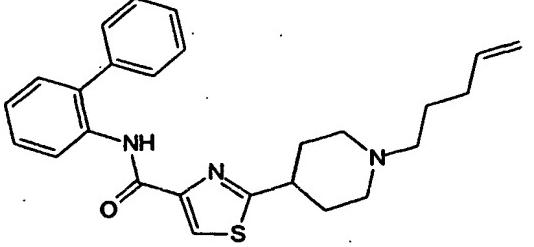
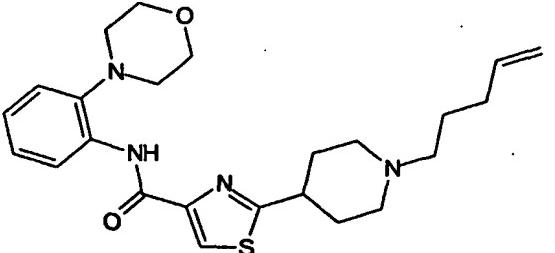
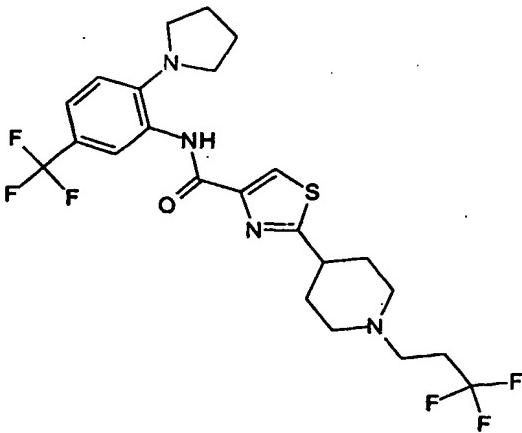
- 374 -

No.	FORMULA	NMR or mass
971	 <p>N-biphenyl-2-yl-2-(1-{[(cyclopropylmethyl)amino]carbonothioyl}piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
972		
973		
974		

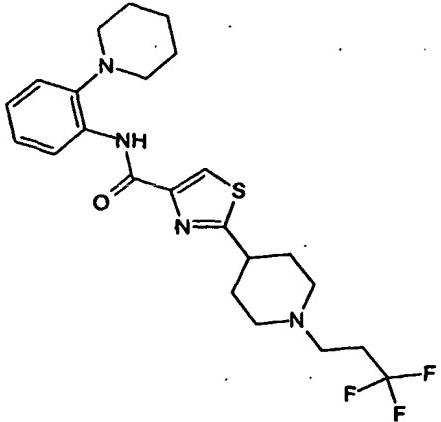
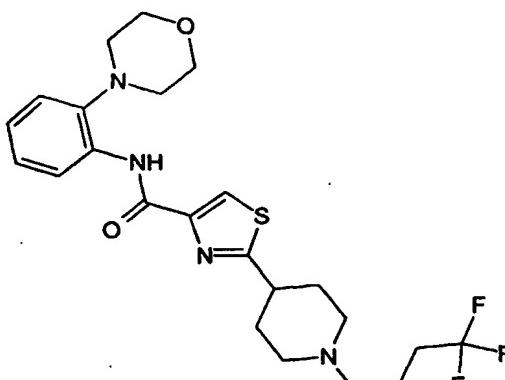
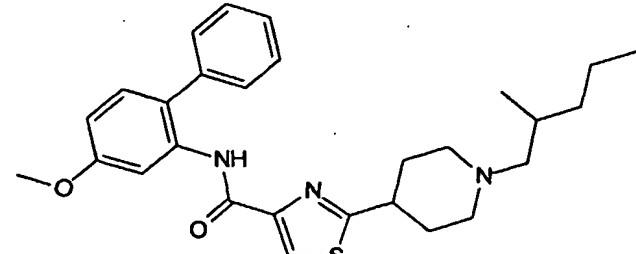
- 375 -

No.	FORMULA	NMR or mass
975		
976		
977		
978		

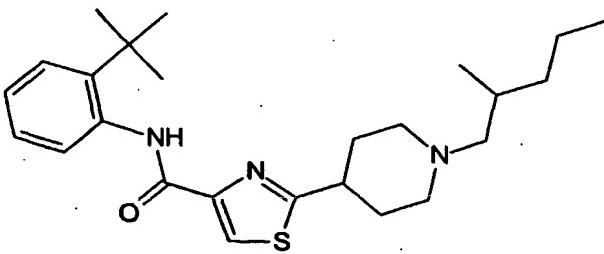
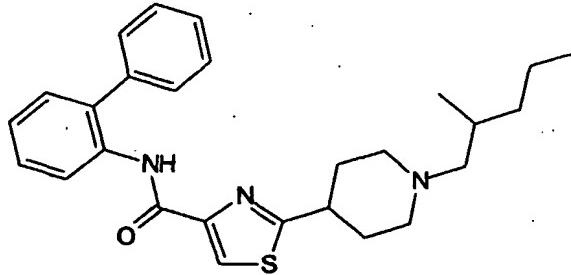
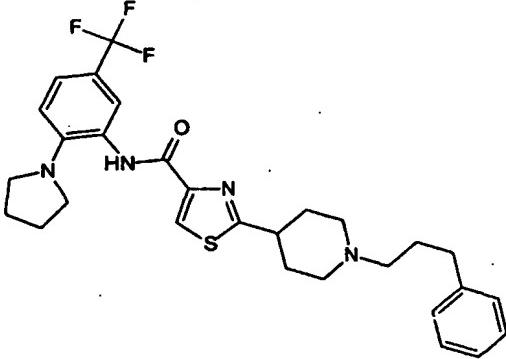
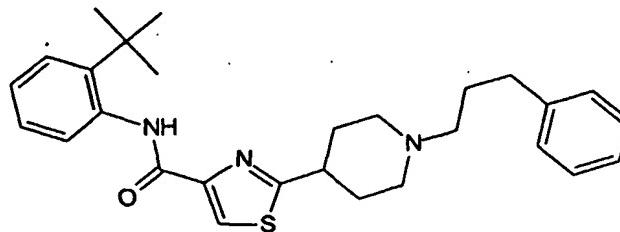
-376-

No.	FORMULA	NMR or mass
979		
980		
981	 N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide	

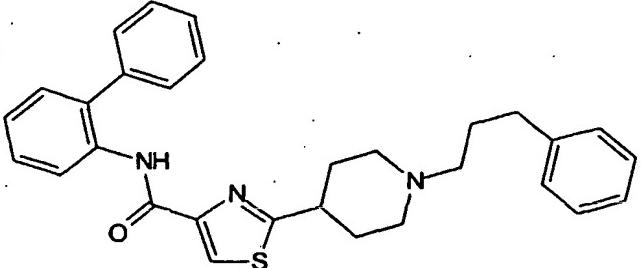
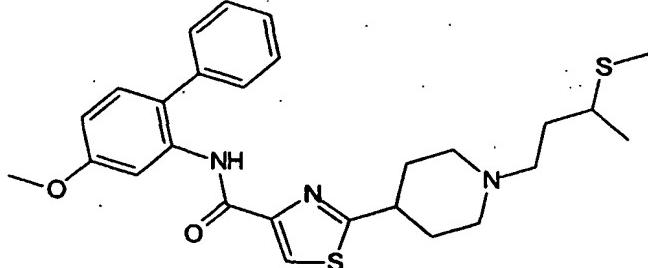
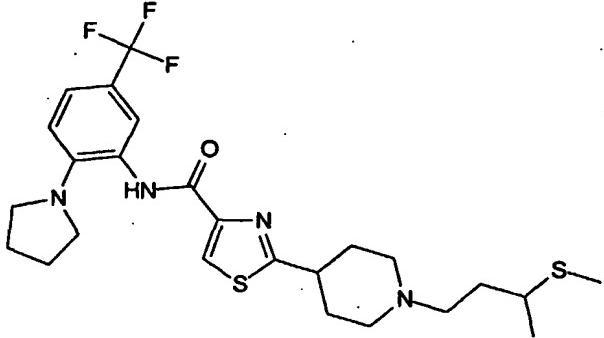
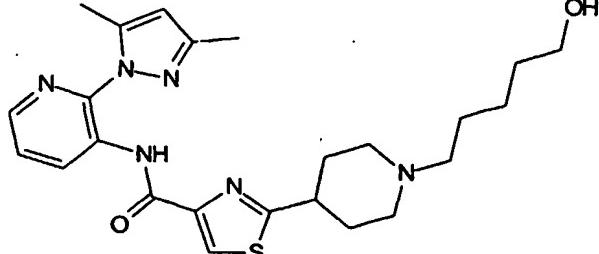
- 377 -

No.	FORMULA	NMR or mass
982	 <p>N-(2-piperidin-1-ylphenyl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
983	 <p>N-(2-morpholin-4-ylphenyl)-2-[1-(4,4,4-trifluorobutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
984		

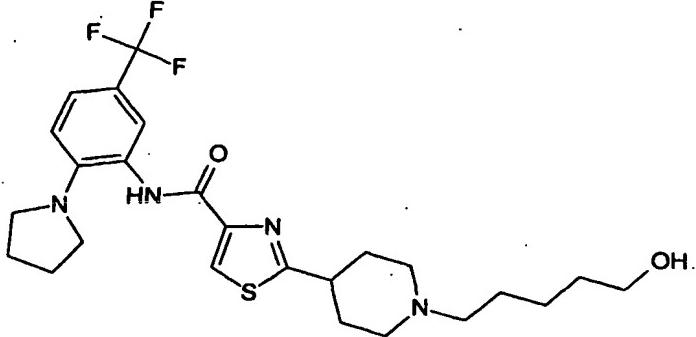
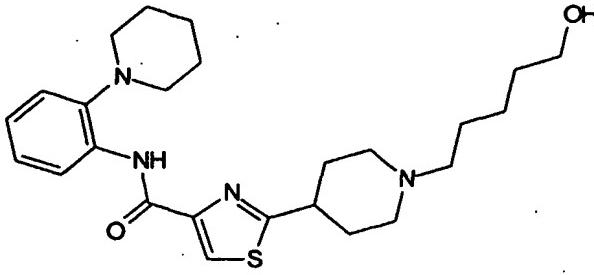
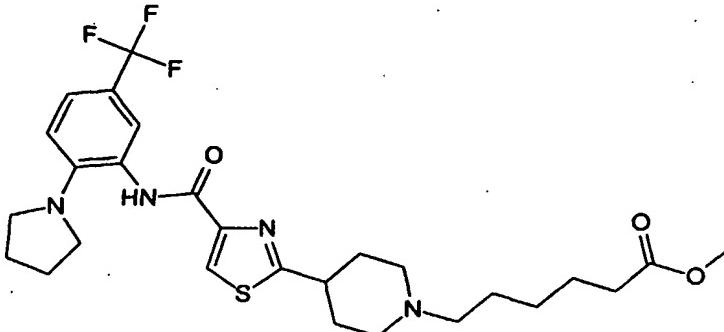
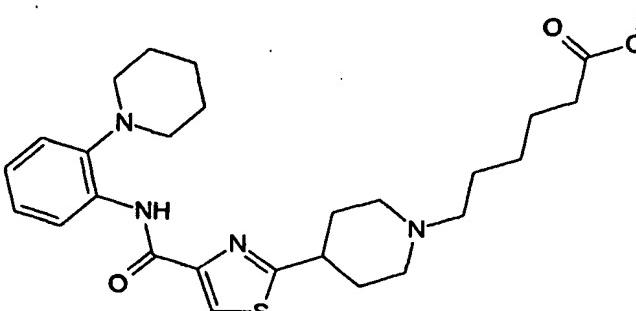
- 378 -

No.	FORMULA	NMR or mass
985		
986		
987	 <p data-bbox="293 1436 1191 1499">2-[1-(3-phenylpropyl)piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]-1,3-thiazole-4-carboxamide</p>	
988		

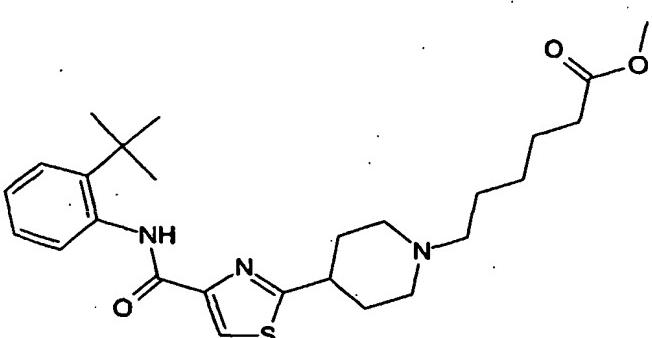
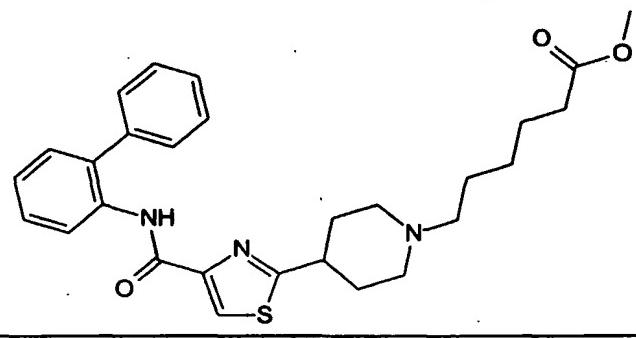
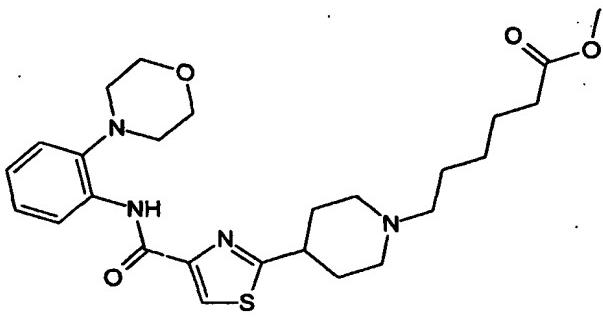
- 379 -

No.	FORMULA	NMR or mass
989		
990		
991		
992		

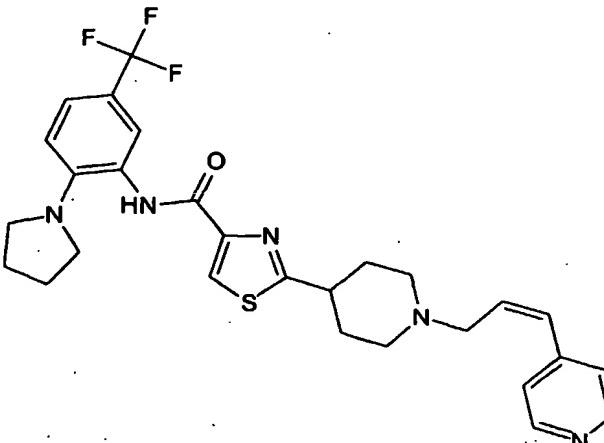
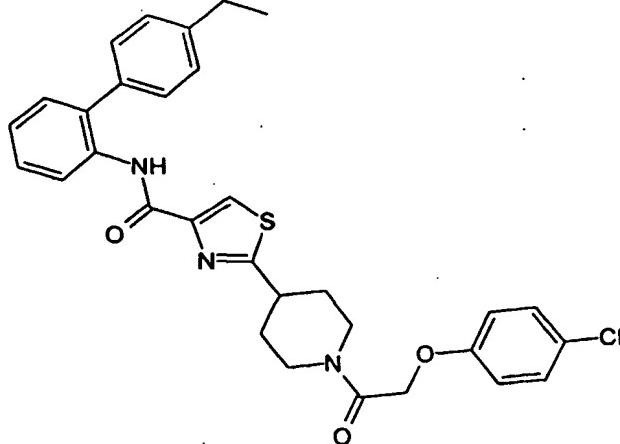
- 380 -

No.	FORMULA	NMR or mass
993		
994		
995		
996		

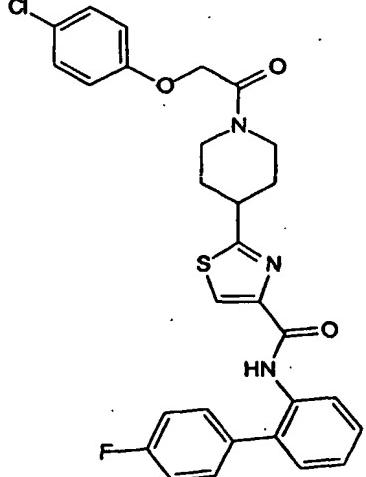
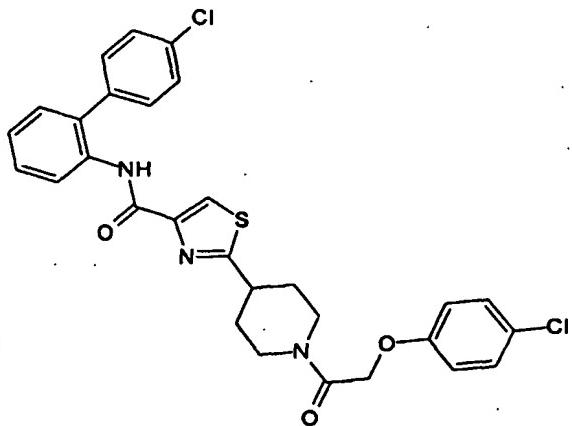
- 381 -

No.	FORMULA	NMR or mass
997		
998		
999		

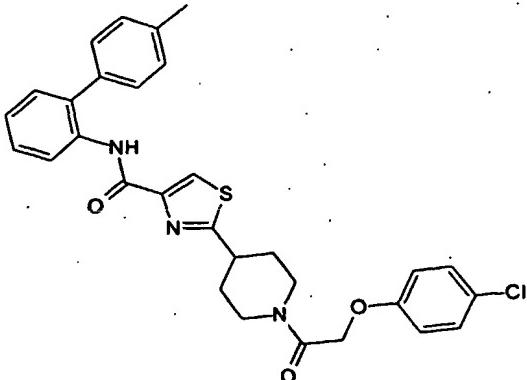
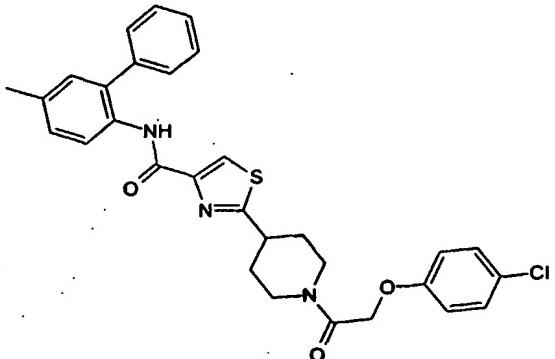
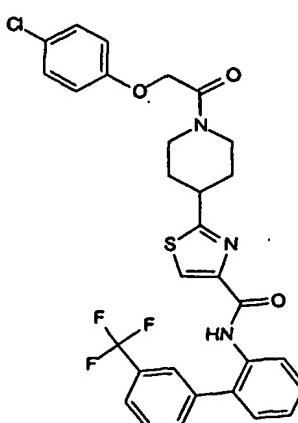
-382-

No.	FORMULA	NMR or mass
1000	 <p>2-{1-[(2Z)-3-pyridin-4-ylprop-2-en-1-yl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
1001	 <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

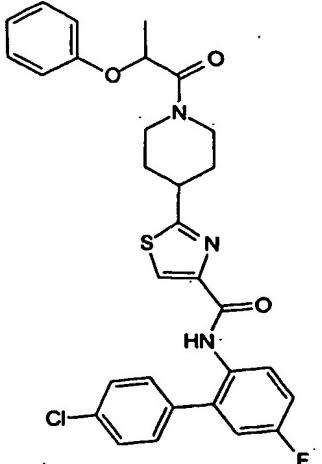
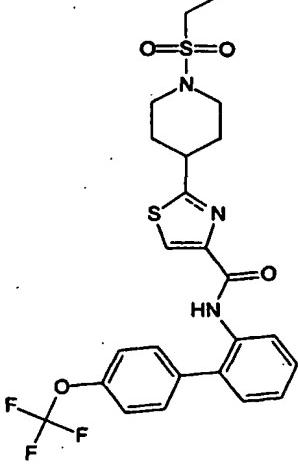
- 383 -

No.	FORMULA	NMR or mass
1002	 <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1003	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

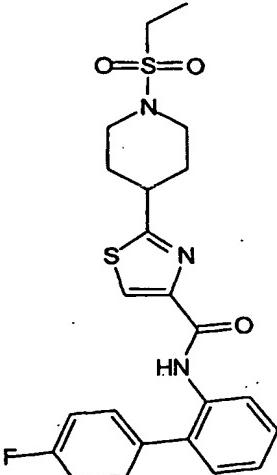
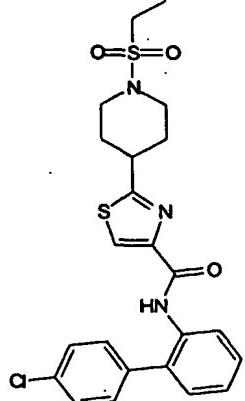
- 384 -

No.	FORMULA	NMR or mass
1004	 <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1005	 <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1006	 <p>2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

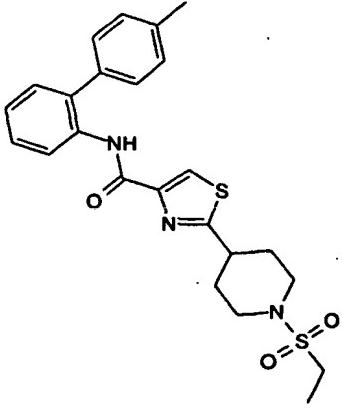
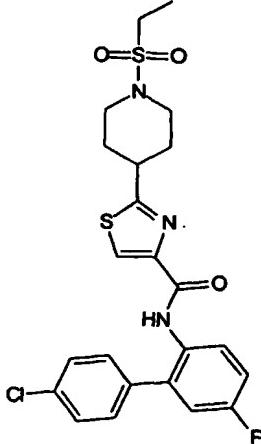
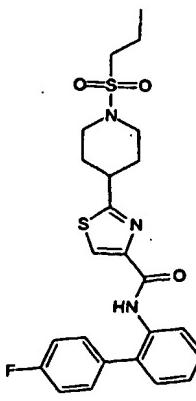
- 385 -

No.	FORMULA	NMR or mass
1007	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-phenoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1008	 <p>2-[1-(ethylsulfonyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

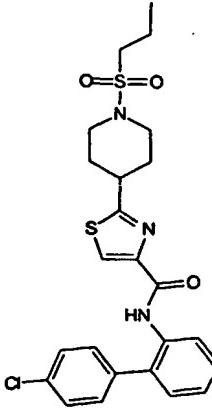
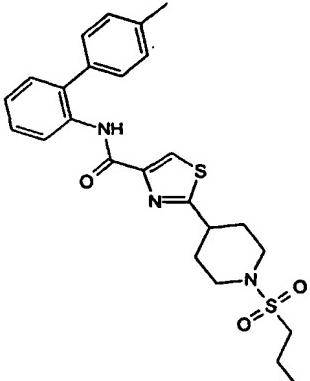
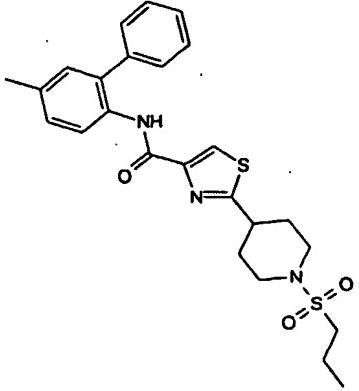
- 386 -

No.	FORMULA	NMR or mass
1009	 <p>2-[1-(ethylsulfonyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1010	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
1011	 <p>2-[1-(ethylsulfonyl)piperidin-4-yl]-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1012		
1013	 <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
1014	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1015	 <p>N-(4'-methylbiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1016	 <p>N-(5-methylbiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

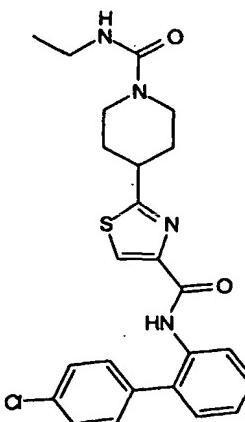
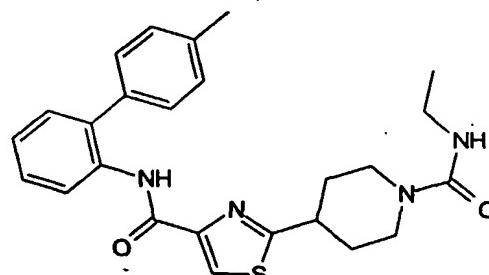
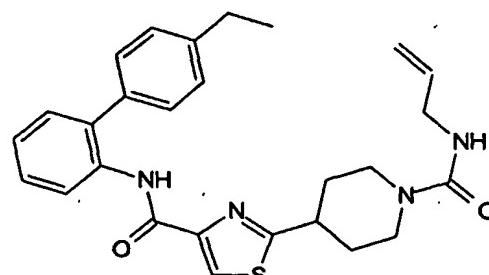
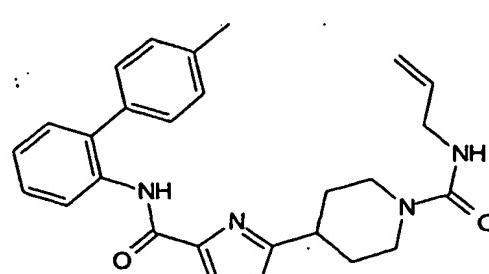
- 389 -

No.	FORMULA	NMR or mass
1017		
1018	<p data-bbox="295 1163 1241 1248">2-methoxyethyl 4-[4-((3'-(trifluoromethyl)biphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl]piperidine-1-carboxylate</p>	
1019		

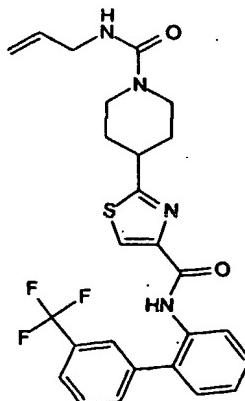
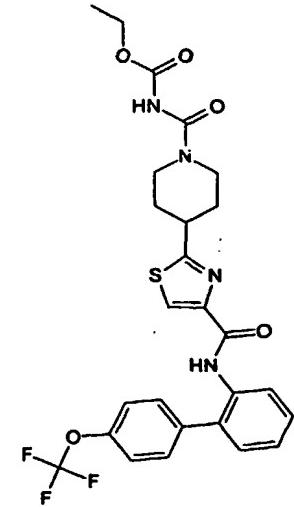
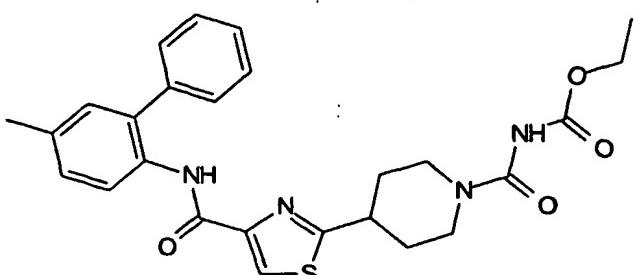
-390-

No.	FORMULA	NMR or mass
1020		
1021	<p>N-ethyl-4-[(4'-(trifluoromethoxy)biphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	
1022	<p>N-ethyl-4-[(4'-fluorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl]-piperidine-1-carboxamide</p>	

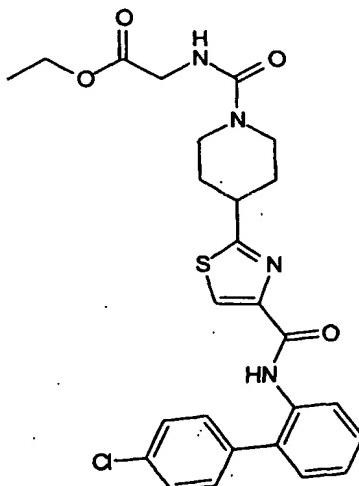
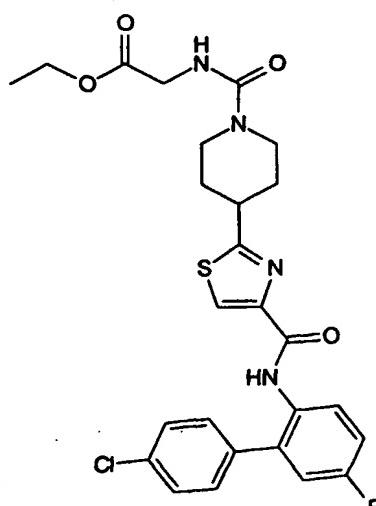
- 391 -

No.	FORMULA	NMR or mass
1023	 <p>4-(4-{[(4'-chlorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)-N-ethylpiperidine-1-carboxamide</p>	
1024		
1025		
1026		

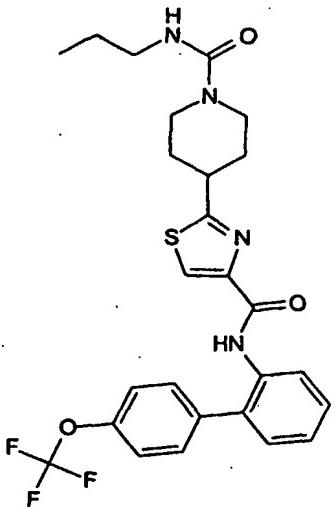
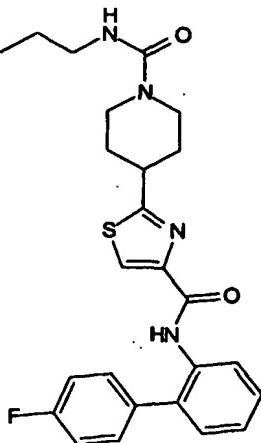
- 392 -

No.	FORMULA	NMR or mass
1027	 <p>N-allyl-4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	
1028	 <p>ethyl ({4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonyl)carbamate</p>	
1029		

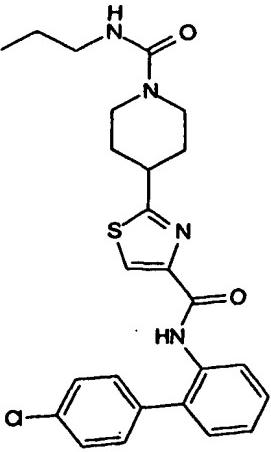
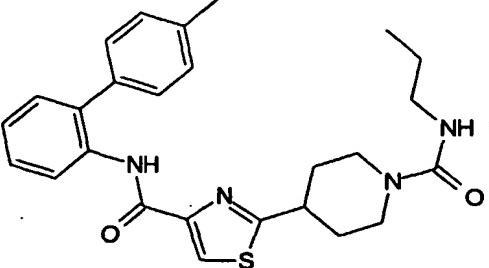
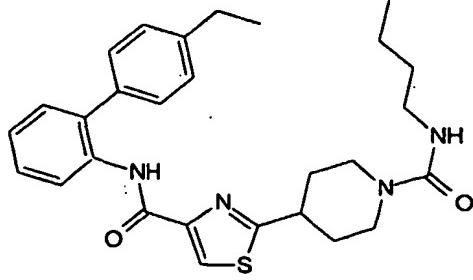
- 393 -

No.	FORMULA	NMR or mass
1030	 <p>ethyl N-{[4-({[(4'-chlorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)piperidin-1-yl]carbonyl}glycinate</p>	
1031	 <p>ethyl N-{[4-({[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)piperidin-1-yl]carbonyl}glycinate</p>	

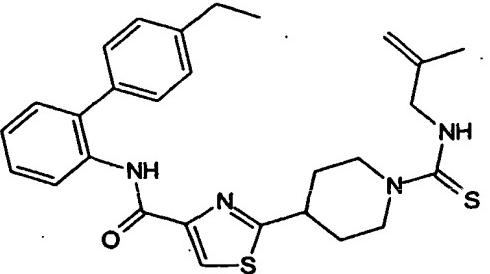
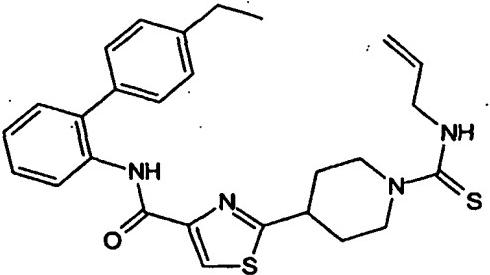
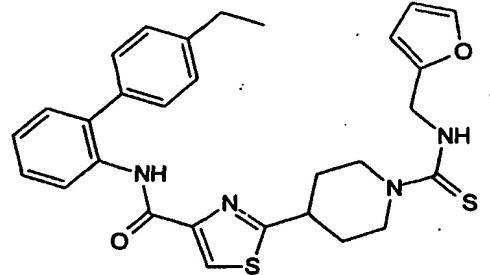
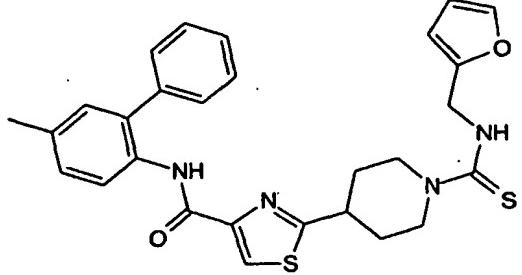
-394-

No.	FORMULA	NMR or mass
1032	 <p>N-propyl-4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	
1033	 <p>4-(4-({(4'-fluorobiphenyl-2-yl)amino}carbonyl)-1,3-thiazol-2-yl)-N-propyl-piperidine-1-carboxamide</p>	

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No.	FORMULA	NMR or mass
1034	 <p>4-(4-{[(4'-chlorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)-N-propyl-piperidine-1-carboxamide</p>	
1035		
1036		

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No.	FORMULA	NMR or mass
1037	 <p>Chemical structure of compound 1037: A tricyclic indole derivative substituted with a 4-(2-methylprop-1-enyl)azepane-1-thione group.</p>	
1038	 <p>Chemical structure of compound 1038: A tricyclic indole derivative substituted with a 4-(2-methylprop-1-enyl)azepane-1-thione group.</p>	
1039	 <p>Chemical structure of compound 1039: A tricyclic indole derivative substituted with a 4-(2-methylprop-1-enyl)azepane-1-thione group.</p>	
1040	 <p>Chemical structure of compound 1040: A tricyclic indole derivative substituted with a 4-(2-methylprop-1-enyl)azepane-1-thione group.</p>	

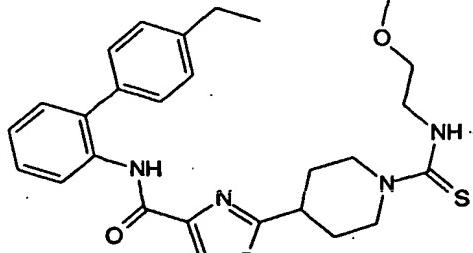
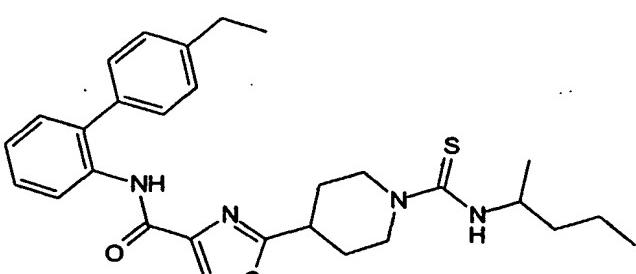
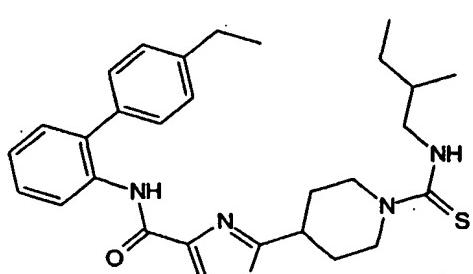
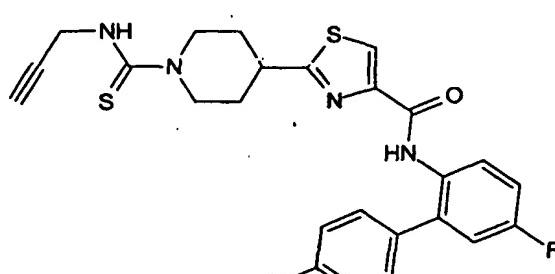
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No.	FORMULA	NMR or mass
1041		
1042		
1043		

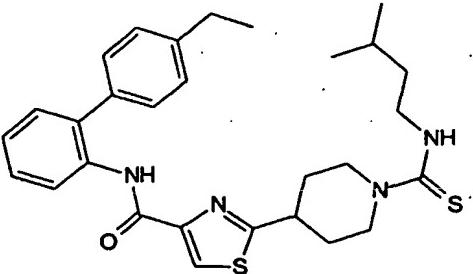
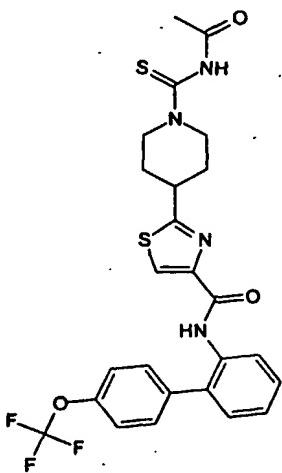
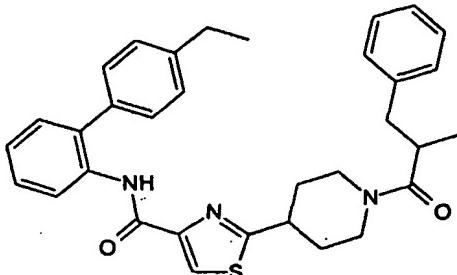
- 398 -

No.	FORMULA	NMR or mass
1044	<p>2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1045		
1046		
1047		

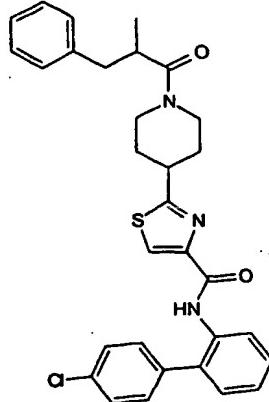
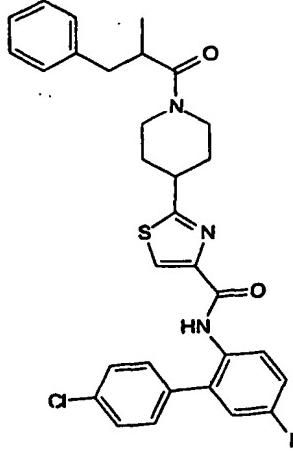
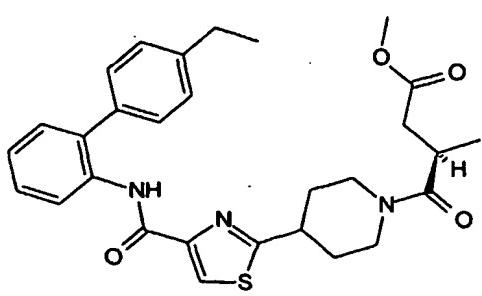
- 399 -

No.	FORMULA	NMR or mass
1048		
1049		
1050		
1051		

- 400 -

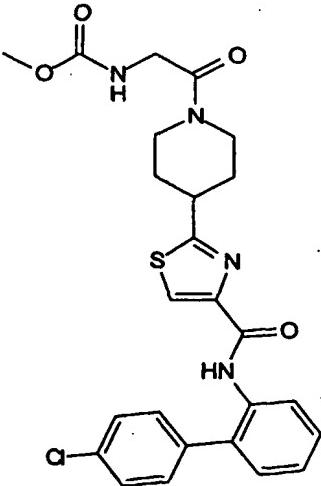
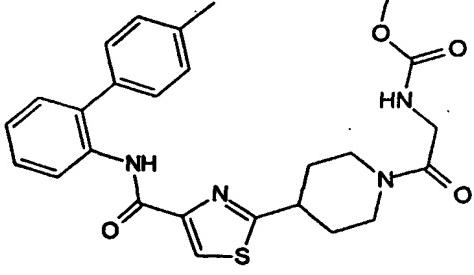
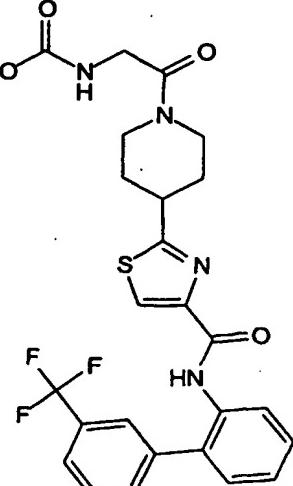
No.	FORMULA	NMR or mass
1052		
1053	 <p>2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1054		

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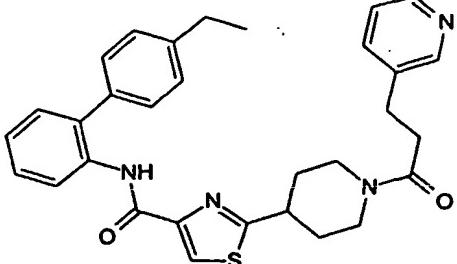
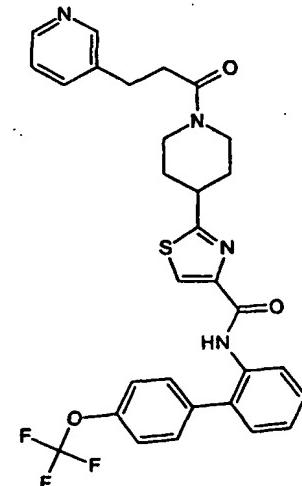
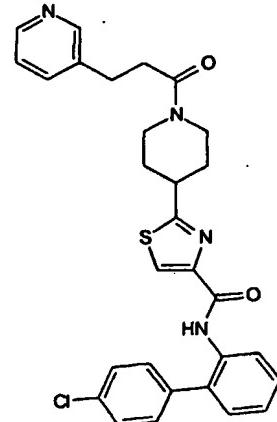
No.	FORMULA	NMR or mass
1055	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-methyl-3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1056	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-methyl-3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1057		

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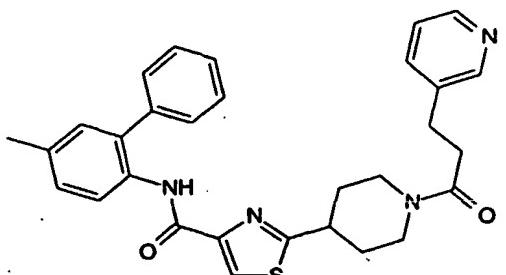
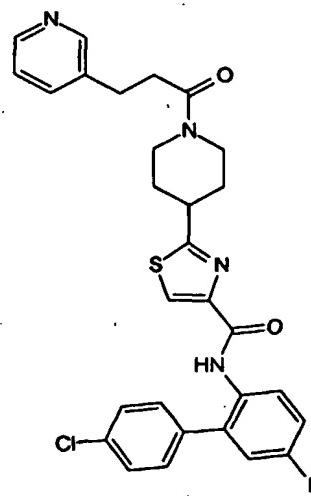
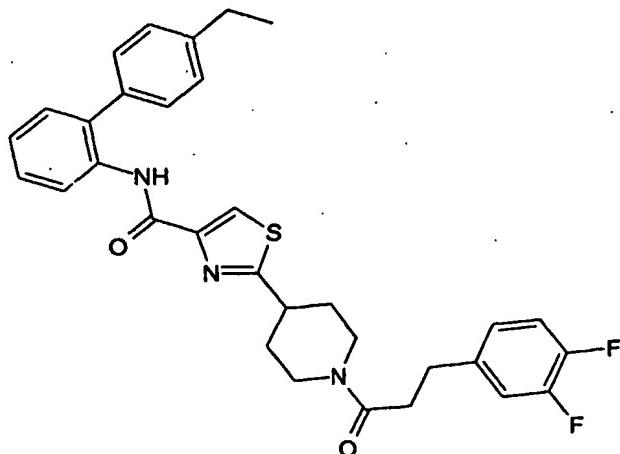
- 403 -

No.	FORMULA	NMR or mass
1061	 <p>Chemical structure 1061: A piperazine ring substituted with a 2-(4-chlorophenyl)-1,3-benzodioxole group at one end and a 2-(4-acetamido-2-methylbutyl)imidazo[2,1-b]thiazole group at the other.</p>	
1062	 <p>Chemical structure 1062: A tricyclic compound consisting of a benzodioxole ring fused to a thiazole ring, which is further fused to a pyrrolidine ring substituted with a 2-(4-acetamido-2-methylbutyl)imidazo[2,1-b]thiazole group.</p>	
1063	 <p>Chemical structure 1063: A piperazine ring substituted with a 2-(4-(2,2,2-trifluoroethyl)phenyl)-1,3-benzodioxole group at one end and a 2-(4-acetamido-2-methylbutyl)imidazo[2,1-b]thiazole group at the other.</p>	

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No.	FORMULA	NMR or mass
1064		
1065	 2-[1-(3-pyridin-3-ylpropanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide	
1066	 N-(4'-chlorobiphenyl-2-yl)-2-[1-(3-pyridin-3-ylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide	

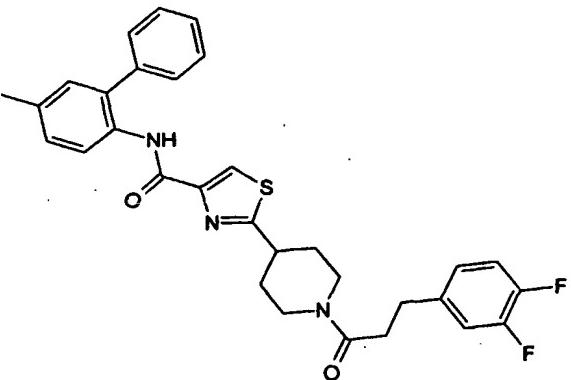
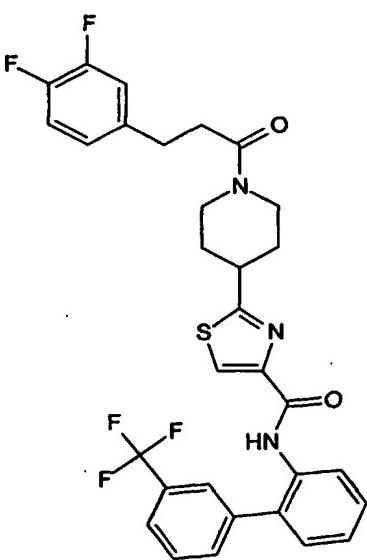
- 405 -

No.	FORMULA	NMR or mass
1067		
1068	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3-pyridin-3-ylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1069		

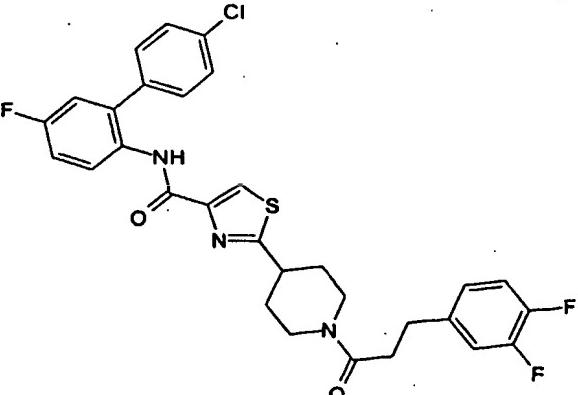
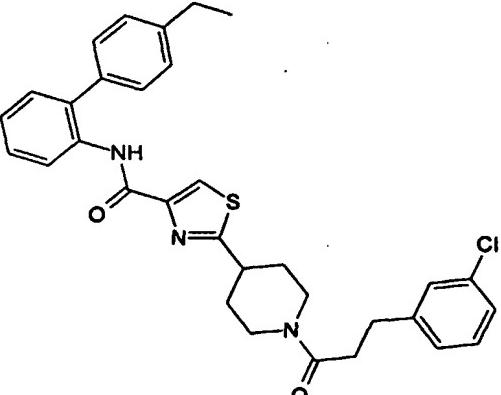
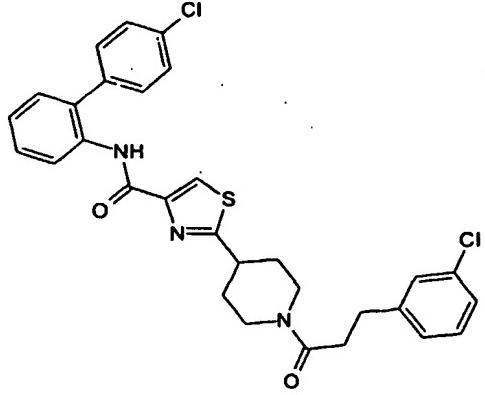
- 406 -

No.	FORMULA	NMR or mass
1070	<p>2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1071	<p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
1072	 <p>2-(1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl)-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1073	 <p>2-(1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl)-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

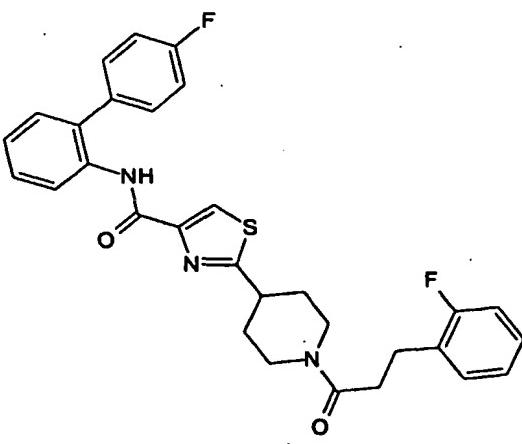
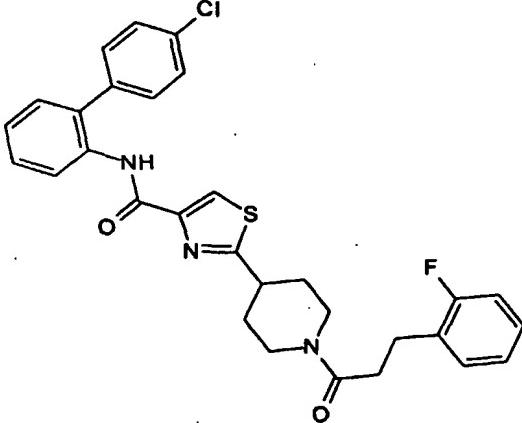
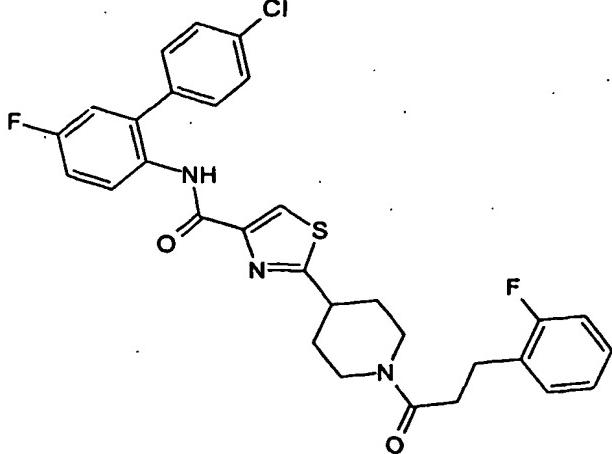
- 408 -

No.	FORMULA	NMR or mass
1074	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(3,4-difluorophenyl)propanoyl]-piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1075	 <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1076	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

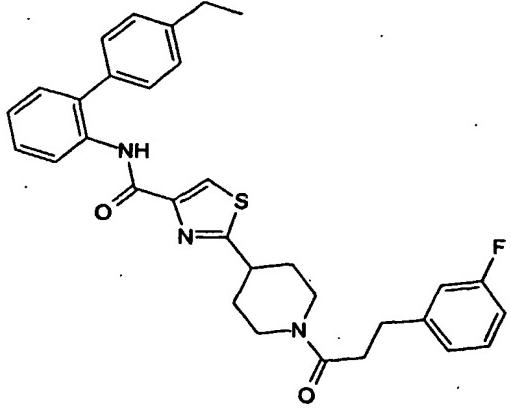
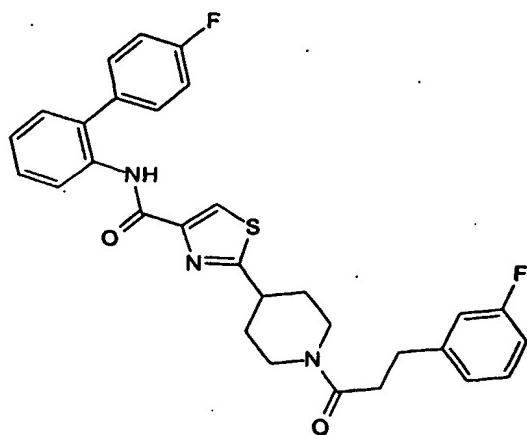
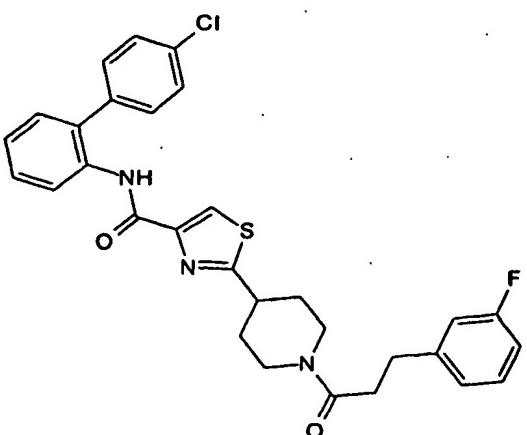
- 409 -

No.	FORMULA	NMR or mass
1077	<p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1078	<p>N-(4'-ethylbiphenyl-2-yl)-2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

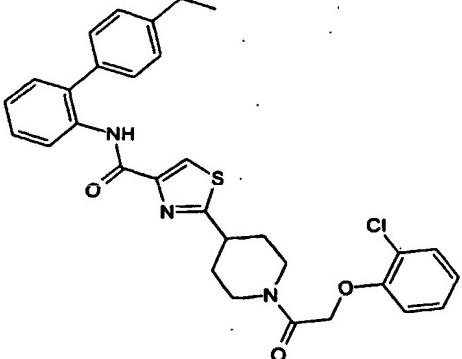
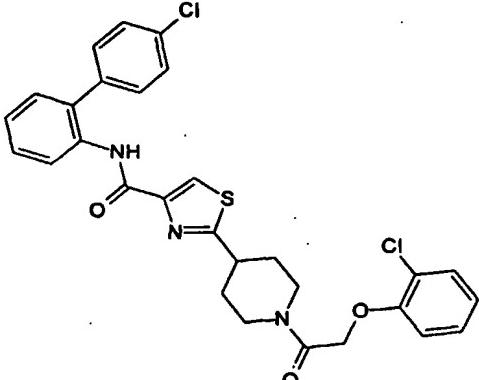
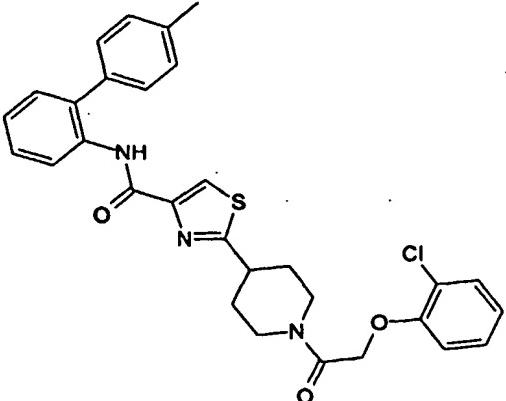
- 410 -

No.	FORMULA	NMR or mass
1079		
1080		
1081		

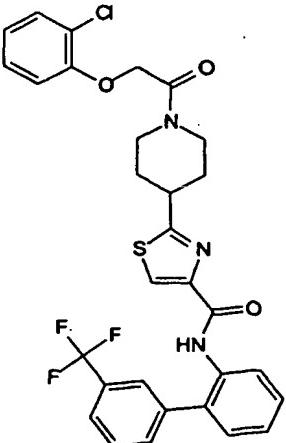
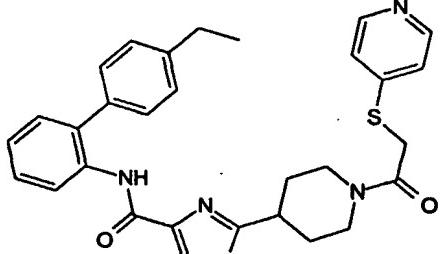
- 411 -

No.	FORMULA	NMR or mass
1082		
1083		
1084		

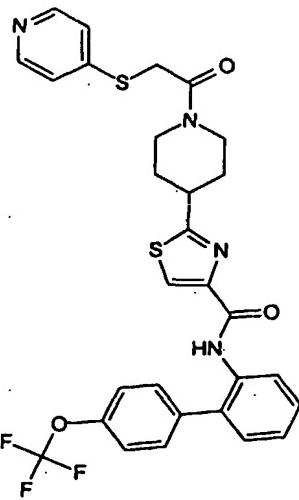
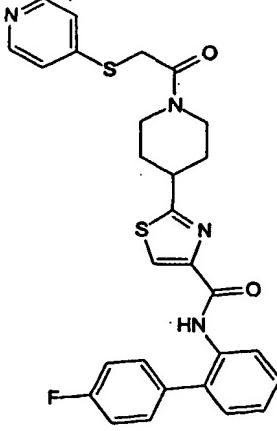
- 412 -

No.	FORMULA	NMR or mass
1085	 <p>2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1086	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1087	 <p>2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

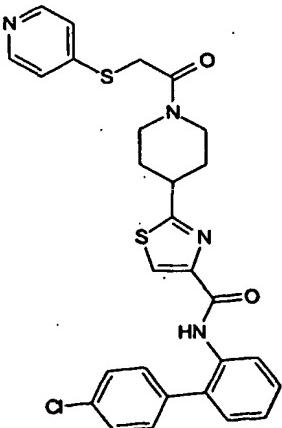
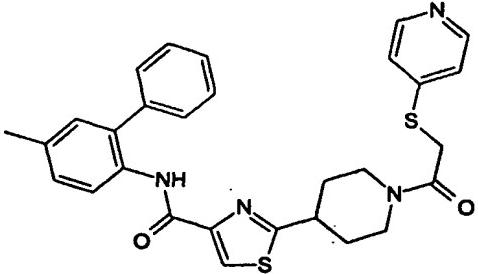
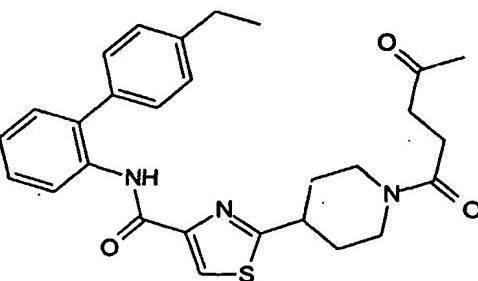
- 413 -

No.	FORMULA	NMR or mass
1088	 <p>2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1089		

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No.	FORMULA	NMR or mass
1090	 <p>2-{1-[(pyridin-4-ylthio)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1091	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(pyridin-4-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

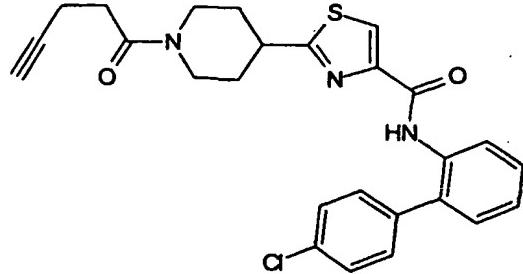
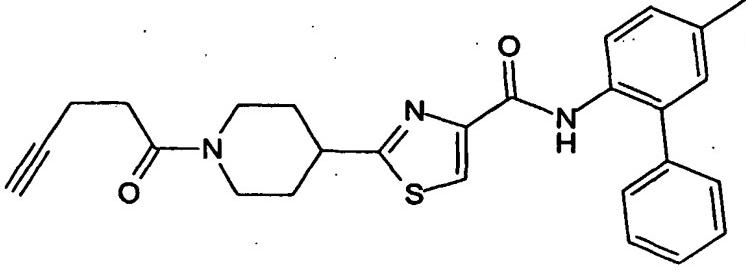
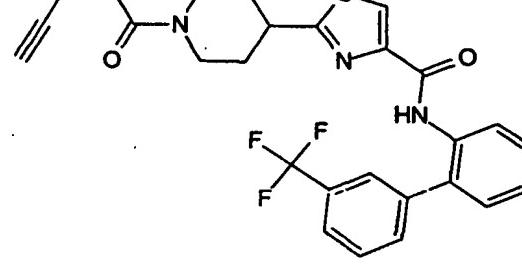
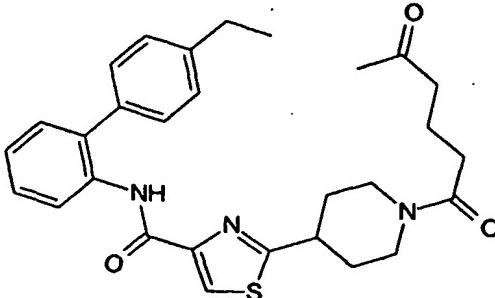
- 415 -

No.	FORMULA	NMR or mass
1092	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(pyridin-4-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1093		
1094		

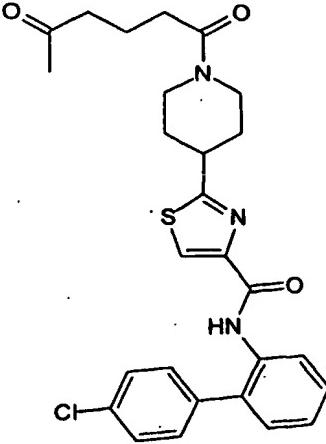
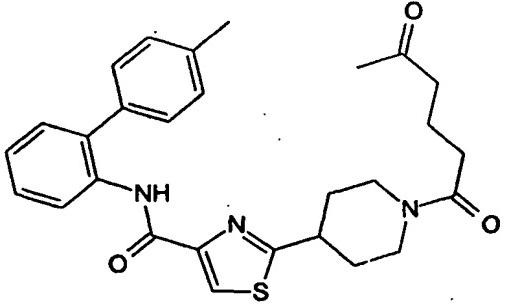
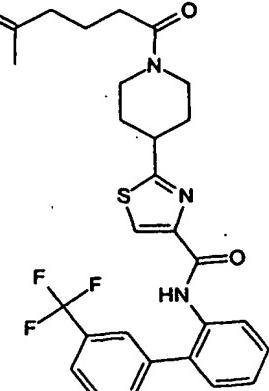
- 416 -

No.	FORMULA	NMR or mass
1095	<p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(4-oxopentanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1096	<p>N-(4'-ethylbiphenyl-2-yl)-2-{1-[(4-fluorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1097		

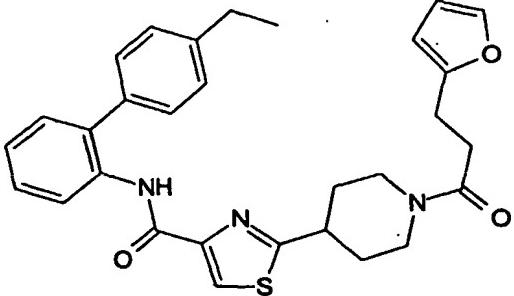
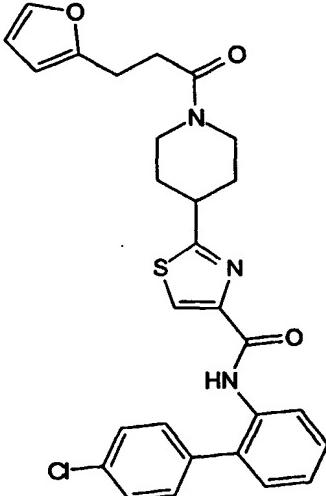
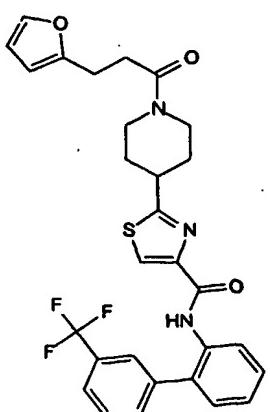
- 417 -

No.	FORMULA	NMR or mass
1098	 <p>Chemical structure of compound 1098: A piperazine ring substituted at position 4 with a prop-1-ynyl group and a 2-(4-chlorophenyl)-2-(phenylamino)acetyl group.</p>	
1099	 <p>Chemical structure of compound 1099: A piperazine ring substituted at position 4 with a prop-1-ynyl group and a 2-(4-phenyl)-2-(4-phenylamino)acetyl group.</p>	
1100	 <p>Chemical structure of compound 1100: A piperazine ring substituted at position 4 with a prop-1-ynyl group and a 2-(4-(2,2,2-trifluoroethyl)-4-phenylamino)acetyl group.</p>	
1101	 <p>Chemical structure of compound 1101: A complex molecule consisting of a naphthalene ring fused to a benzene ring, which is further substituted with a phenyl group and an amine group; it is also substituted with a 2-(4-(2-oxoethyl)piperidin-1-yl)-2-thienylmethyl group and a 2-oxoethyl group.</p>	

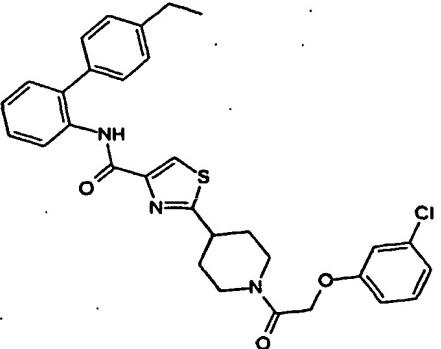
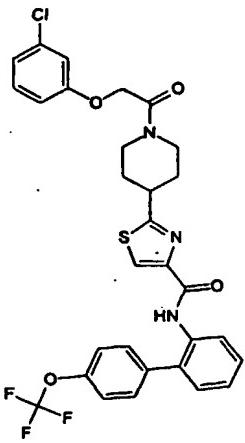
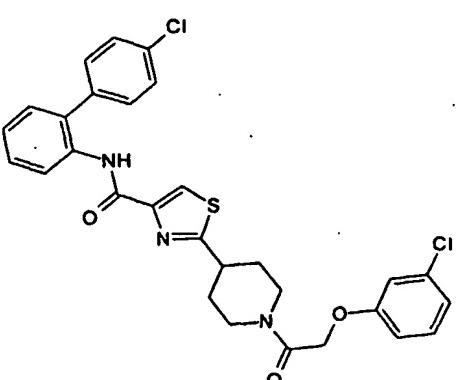
- 418 -

No.	FORMULA	NMR or mass
1102	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(5-oxohexanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1103		
1104	 <p>2-[1-(5-oxohexanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

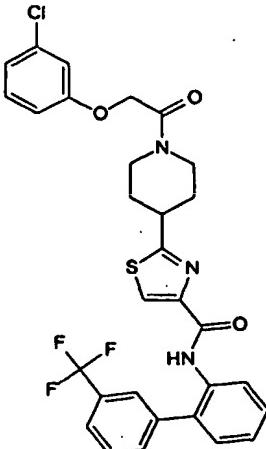
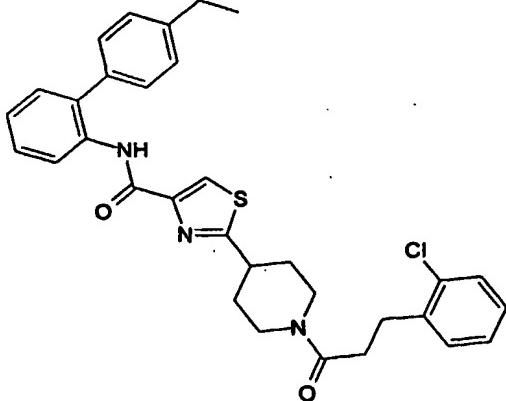
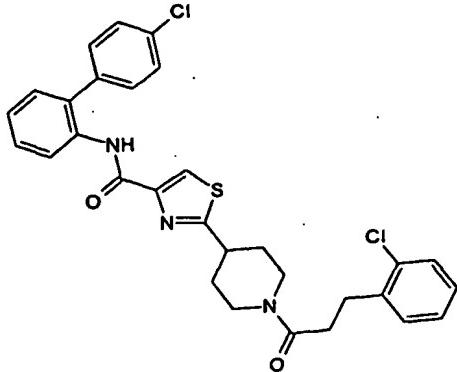
- 419 -

No.	FORMULA	NMR or mass
1105		
1106		
1107	 <p data-bbox="306 1818 1237 1890">2-(1-[3-(2-furyl)propanoyl]piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

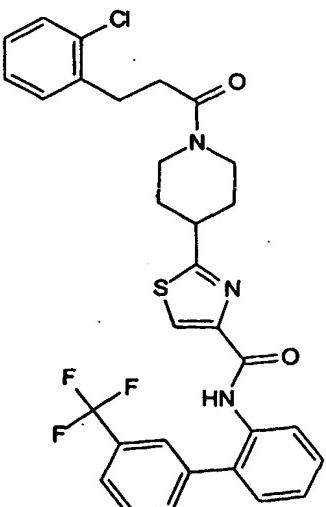
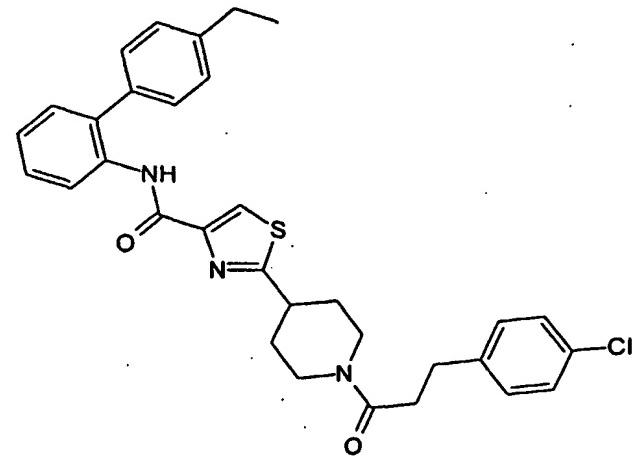
- 420 -

No.	FORMULA	NMR or mass
1108	 <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1109	 <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1110	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

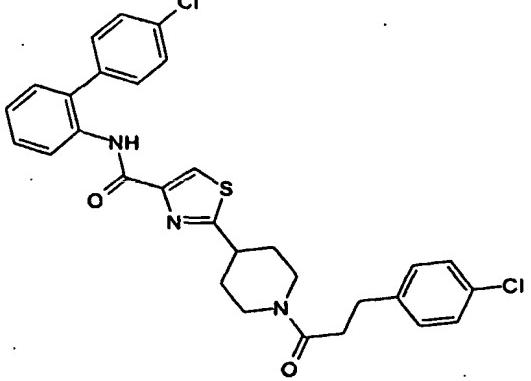
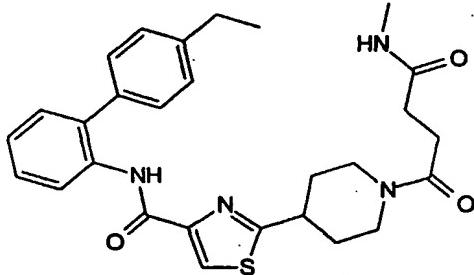
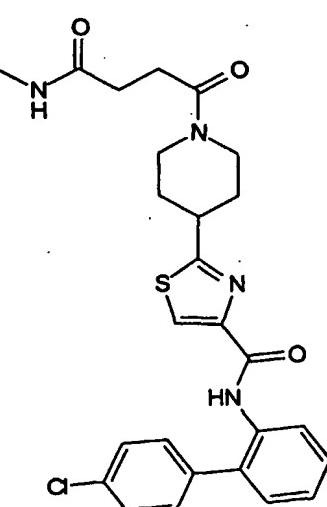
- 421 -

No.	FORMULA	NMR or mass
1111	 <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1112		
1113	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

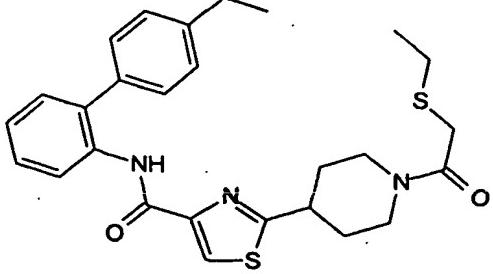
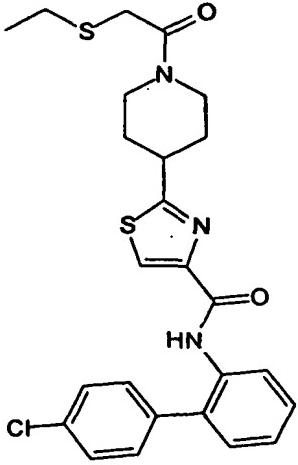
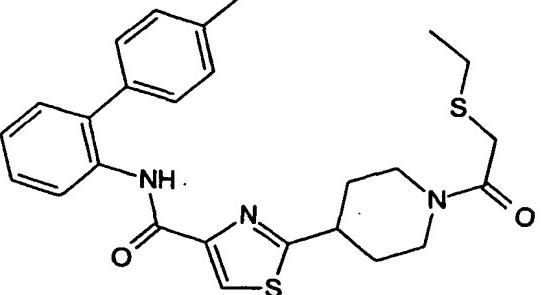
- 422 -

No.	FORMULA	NMR or mass
1114	 <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1115	 <p>2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
1116	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1117		
1118		

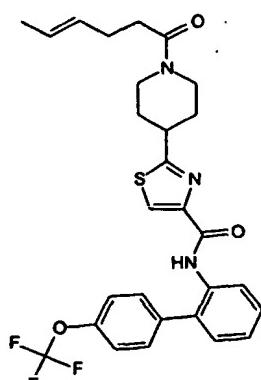
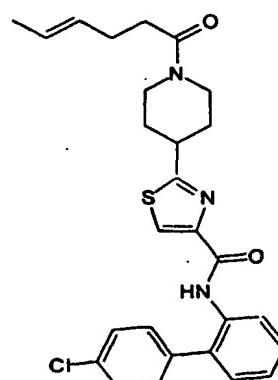
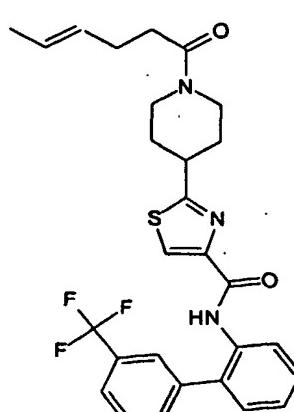
- 424 -

No.	FORMULA	NMR or mass
1119		
1120	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[{(ethylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1121		

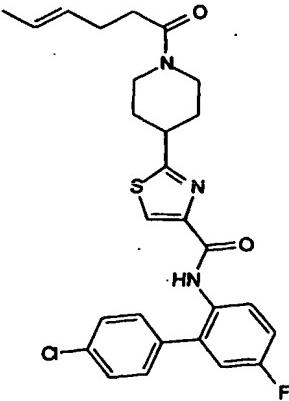
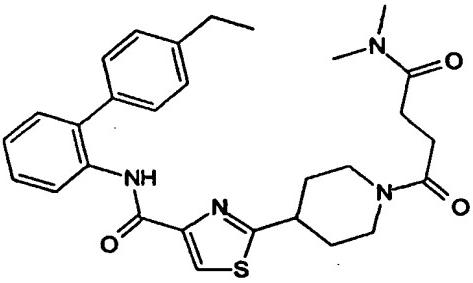
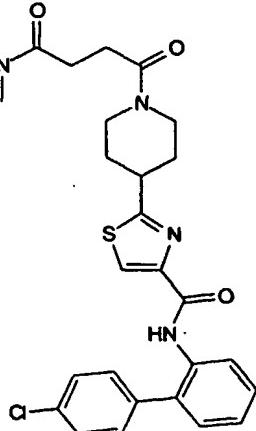
-425-

No.	FORMULA	NMR or mass
1122	<p>2-{1-[(ethylthio)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1123	<p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(ethylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1124		

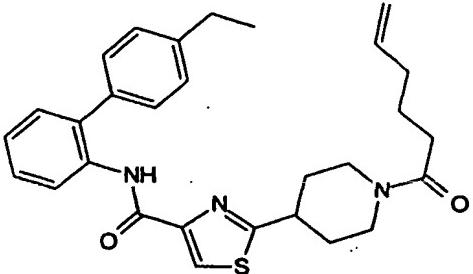
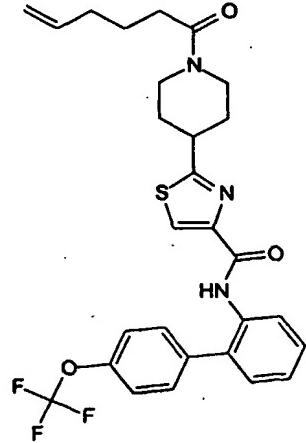
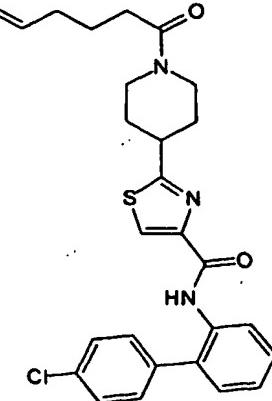
- 426 -

No.	FORMULA	NMR or mass
1125	 <p>2-{1-[(4E)-hex-4-enoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1126	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(4E)-hex-4-enoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1127	 <p>2-{1-[(4E)-hex-4-enoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

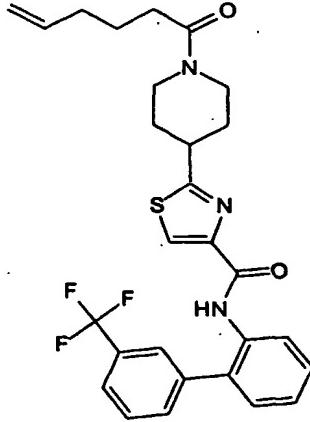
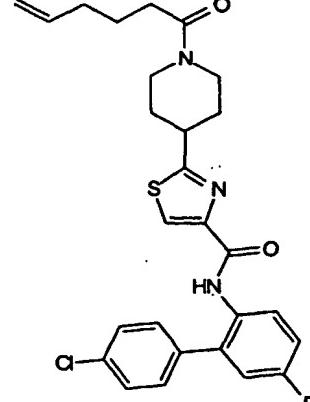
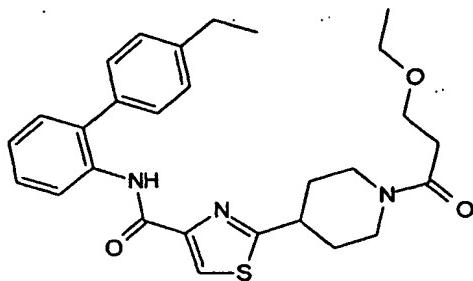
-427-

No.	FORMULA	NMR or mass
1128	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(4E)-hex-4-enoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1129		
1130	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[4-(dimethylamino)-4-oxobutanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

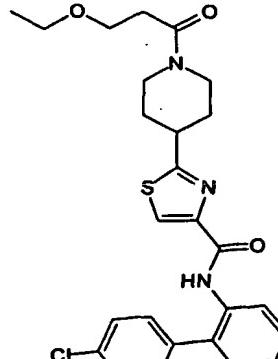
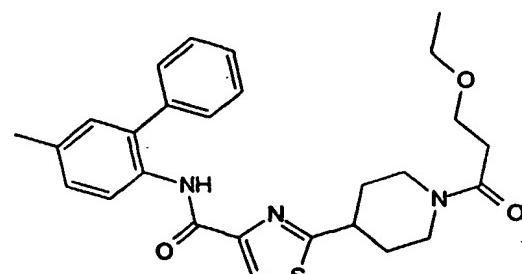
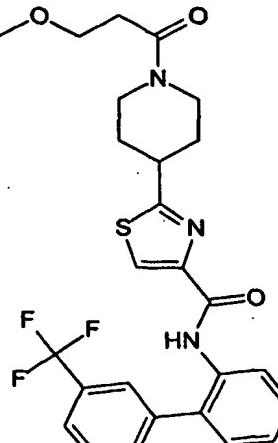
- 428 -

No.	FORMULA	NMR or mass
1131		
1132	 <p>2-(1-hex-5-enylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1133	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-hex-5-enylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

- 429 -

No.	FORMULA	NMR or mass
1134	 <p>2-(1-hex-5-enylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1135	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-hex-5-enylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1136		

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No.	FORMULA	NMR or mass
1137	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(3-ethoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1138		
1139		

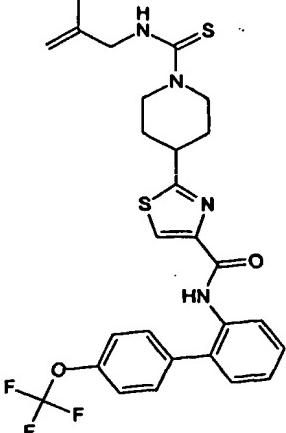
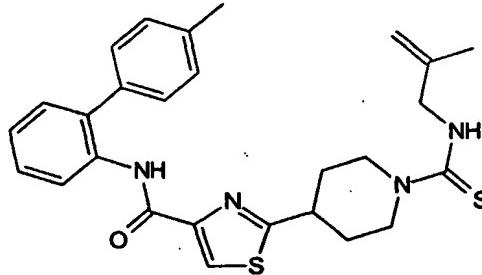
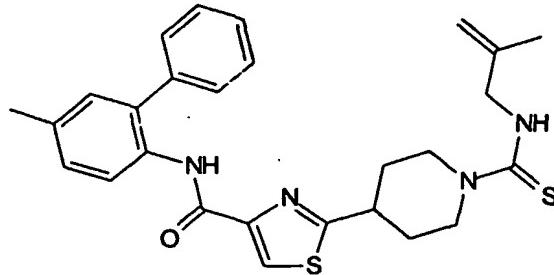
- 431 -

No.	FORMULA	NMR or mass
1140		
1141	<p data-bbox="279 1178 1225 1241">2-{1-[(methylthio)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1142		

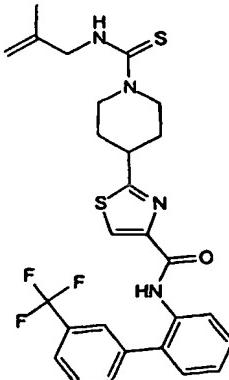
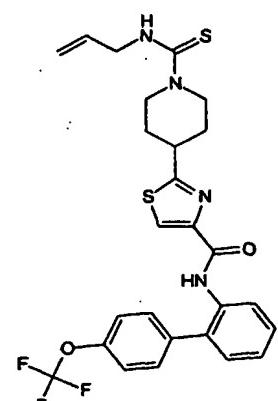
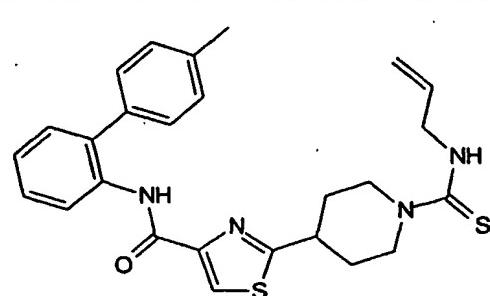
- 432 -

No.	FORMULA	NMR or mass
1143	<p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(methylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1144	<p>2-{1-[(methylthio)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1145	<p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(methylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

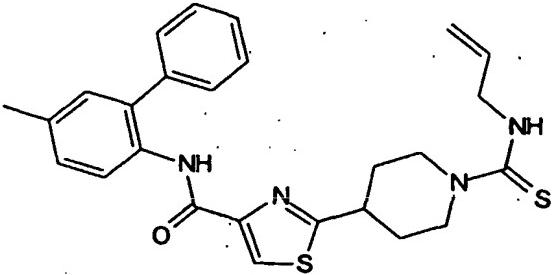
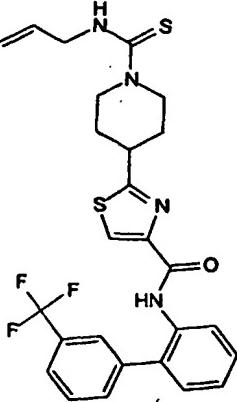
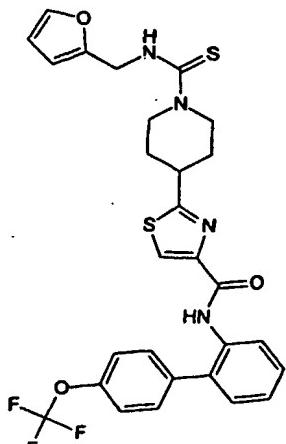
- 433 -

No.	FORMULA	NMR or mass
1146	 <p>2-(1-{{(2-methylprop-2-en-1-yl)amino}carbonothioyl}piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1147		
1148		

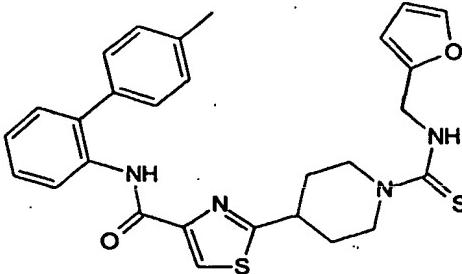
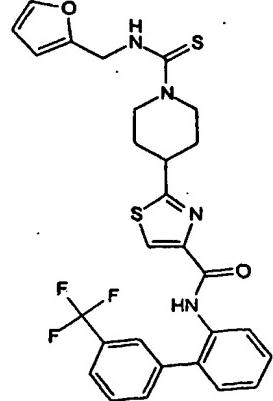
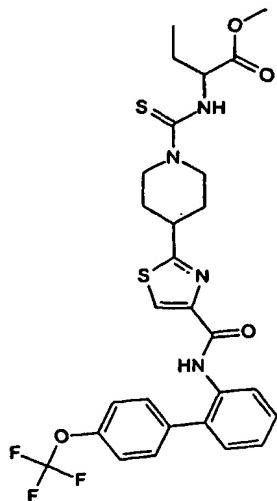
- 434 -

No.	FORMULA	NMR or mass
1149	 <p>2-(1-[(2-methylprop-2-en-1-yl)amino]carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1150	 <p>2-{1-[(allylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1151		

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No.	FORMULA	NMR or mass
1152		
1153	 <p>2-{1-[(allylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1154	 <p>2-{1-[(2-furylmethyl)amino]carbonothioyl}piperidin-4-yl-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

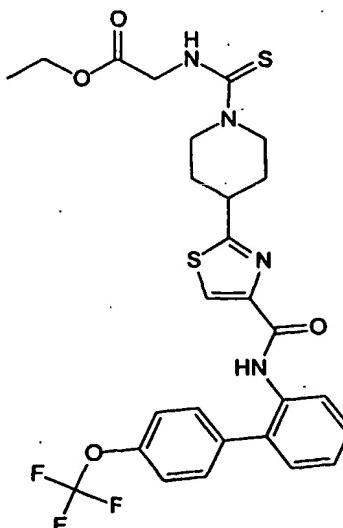
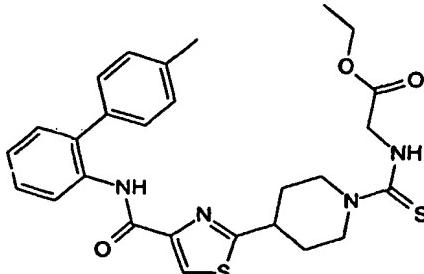
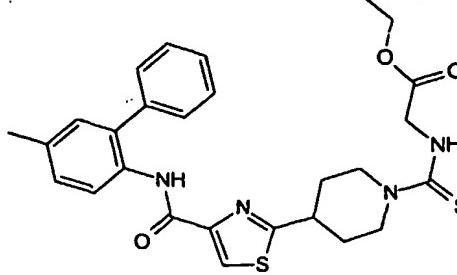
- 436 -

No.	FORMULA	NMR or mass
1155		
1156	 <p>2-(1-[(2-furylmethyl)amino]carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1157	 <p>methyl 2-[(4-[4-((4'-trifluoromethoxy)biphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl]carbonothioyl]amino]butanoate</p>	

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No.	FORMULA	NMR or mass
1158		
1159		
1160	<p data-bbox="279 1670 1237 1733">methyl 2-[{(4-[{4-((3'-(trifluoromethyl)biphenyl-2-yl)amino)carbonyl}-1,3-thiazol-2-yl]piperidin-1-yl)carbonothioyl]amino]butanoate</p>	

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No.	FORMULA	NMR or mass
1161	 <p>ethyl N-((4-[4-((4'-trifluoromethoxy)biphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carbonothioyl)glycinate</p>	
1162		
1163		

- 439 -

No.	FORMULA	NMR or mass
1164	<p>ethyl N-((4-[4-((3'-trifluoromethyl)biphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carbonothioyl)glycinate</p>	
1165	<p>ethyl N-((4-[4-((4-(trifluoromethoxy)biphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carbonothioyl)alaninate</p>	
1166		

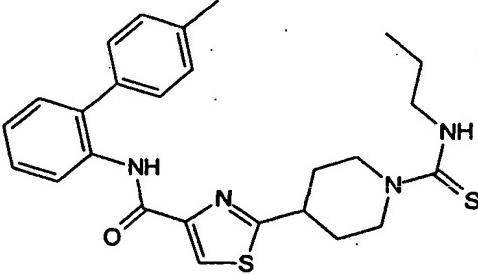
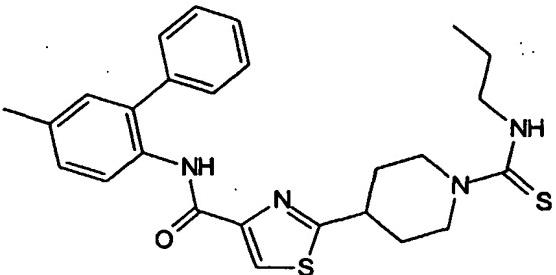
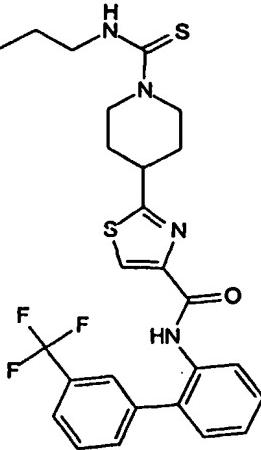
- 440 -

No.	FORMULA	NMR or mass
1167		
1168	<p style="text-align: center;">ethyl N-((4-[4-((3'-trifluoromethyl)biphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl)piperidin-1-ylcarbonothioylalaninate</p>	
1169		

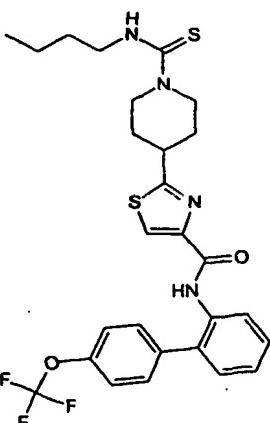
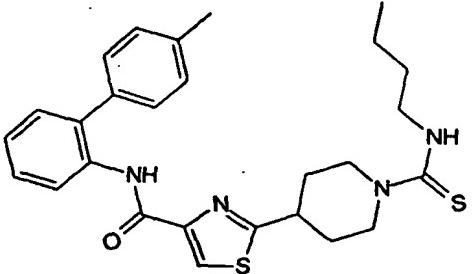
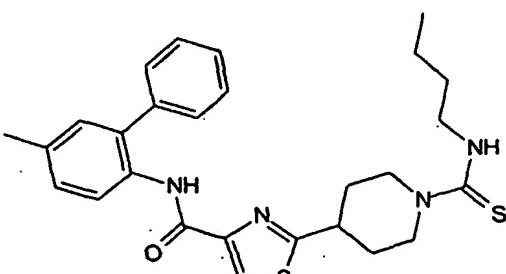
- 441 -

No.	FORMULA	NMR or mass
1170		
1171	<p>2-{1-[(ethylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1172	<p>2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

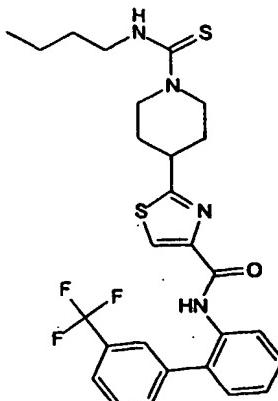
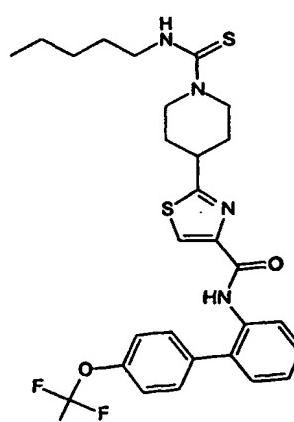
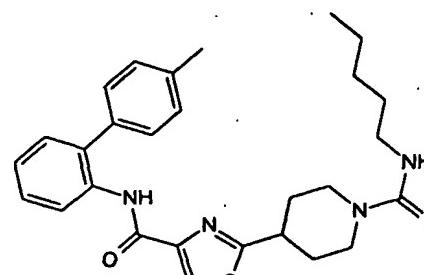
- 442 -

No.	FORMULA	NMR or mass
1173		
1174		
1175	 <p>2-{1-[(propylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

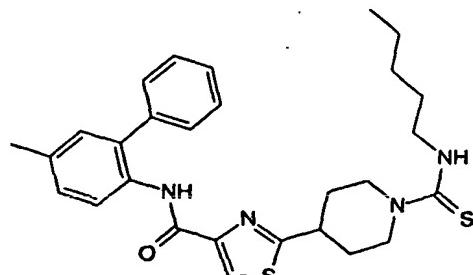
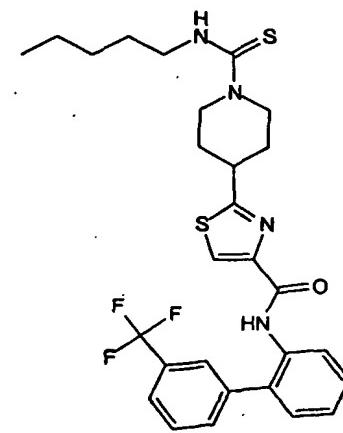
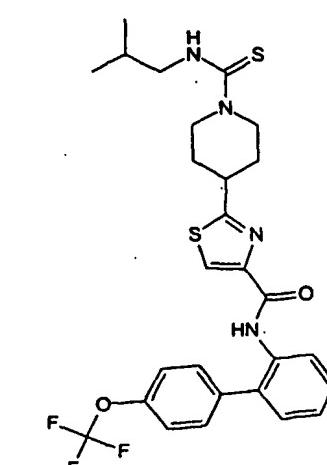
- 443 -

No.	FORMULA	NMR or mass
1176	 <p>2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1177		
1178		

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No.	FORMULA	NMR or mass
1179	 <p>2-{1-[(butylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1180	 <p>2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1181		

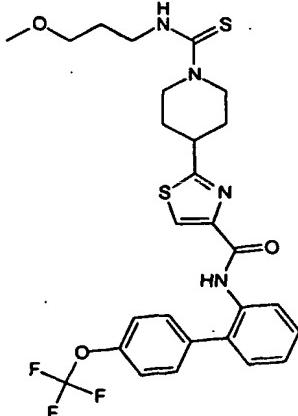
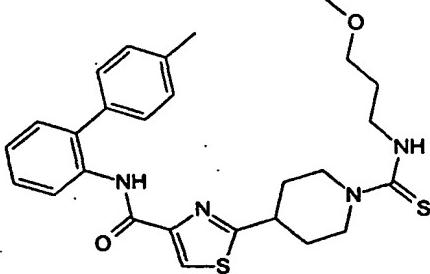
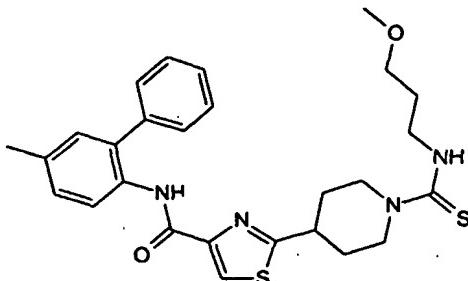
- 445 -

No.	FORMULA	NMR or mass
1182		
1183	 <p>2-{1-[(pentylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1184	 <p>2-{1-[(isobutylamino)carbonothioyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

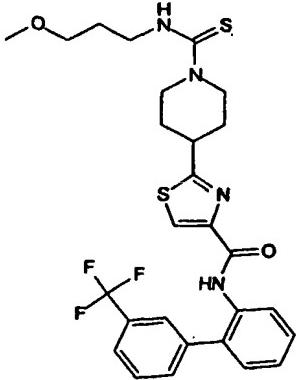
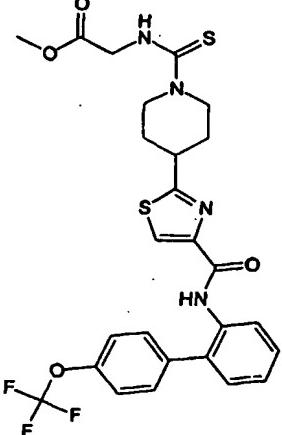
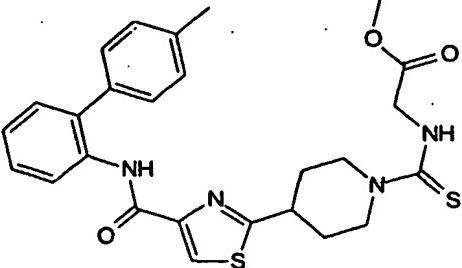
- 446 -

No.	FORMULA	NMR or mass
1185		
1186		
1187		

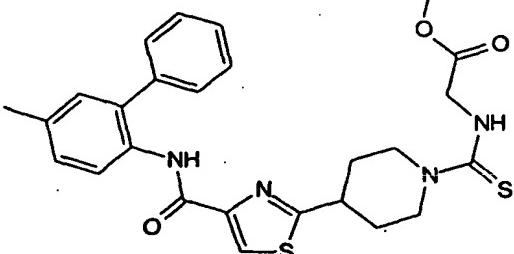
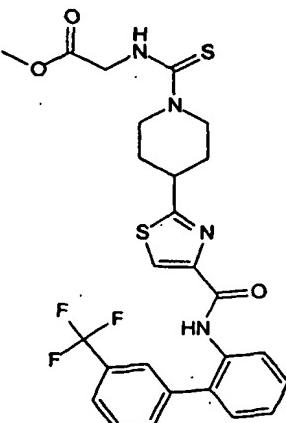
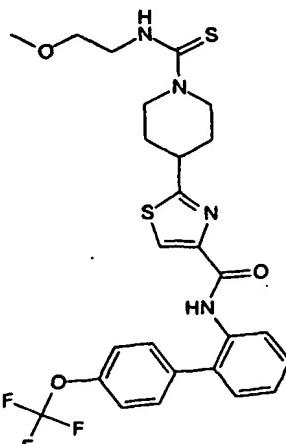
- 447 -

No.	FORMULA	NMR or mass
1188	 <p>2-(1-((3-methoxypropyl)amino)carbonothioyl)piperidin-4-yl-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1189		
1190		

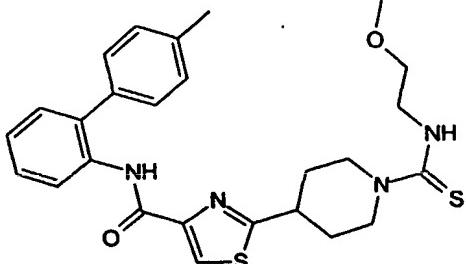
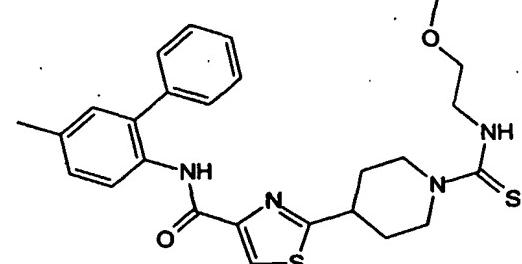
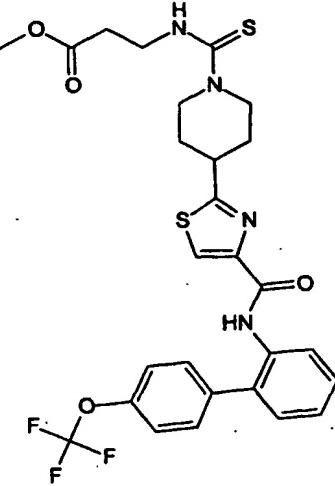
- 448 -

No.	FORMULA	NMR or mass
1191	 <p>2-(1-((3-methoxypropyl)amino)carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1192	 <p>methyl N-((4-{4-((4-(trifluoromethoxy)biphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carbonothioyl)glycinate</p>	
1193		

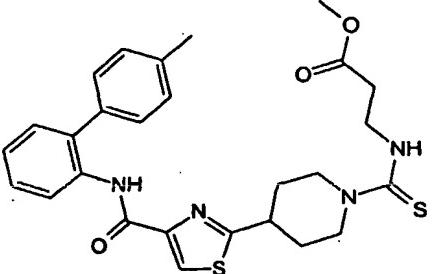
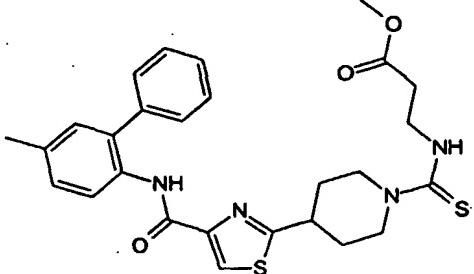
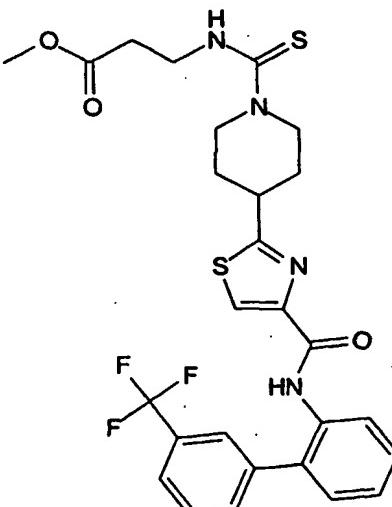
- 449 -

No.	FORMULA	NMR or mass
1194		
1195	 <p>methyl N-({4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl)glycinate</p>	
1196	 <p>2-(1-{[(2-methoxyethyl)amino]carbonothioyl}piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

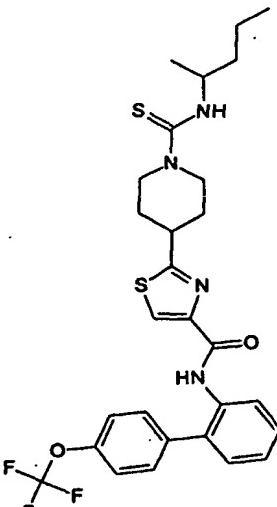
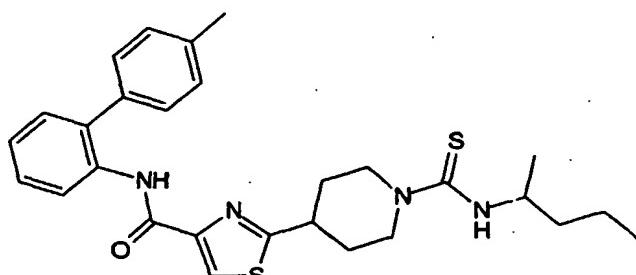
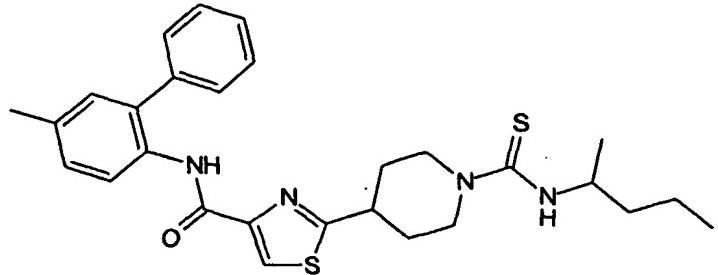
- 450 -

No.	FORMULA	NMR or mass
1197		
1198		
1199	 <p data-bbox="310 1657 1191 1721">methyl N-((4-[4-((4'-trifluoromethoxy)biphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl)carbonothioyl)-beta-alaninate</p>	

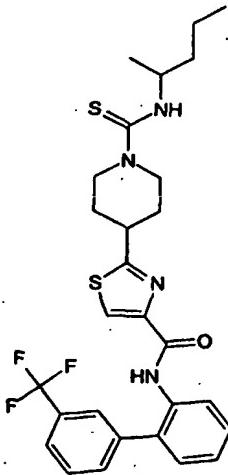
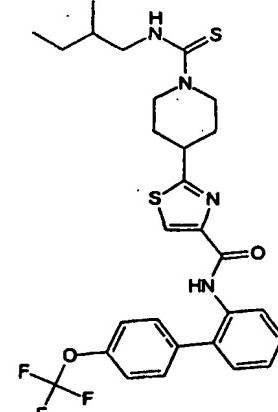
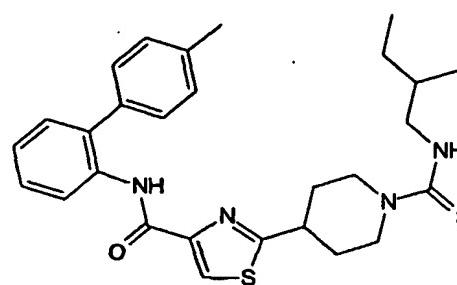
- 451 -

No.	FORMULA	NMR or mass
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1201		
1202		

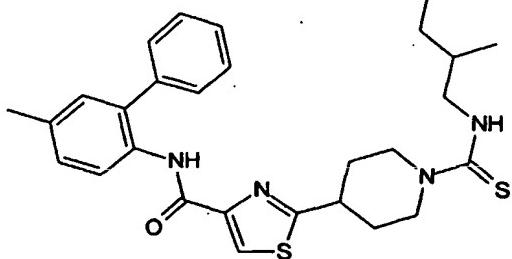
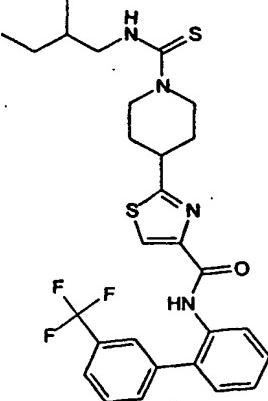
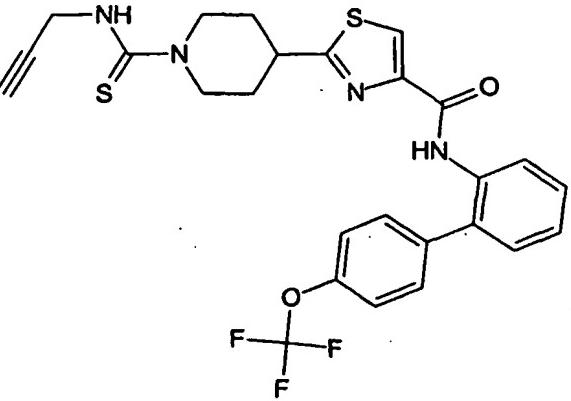
- 452 -

No.	FORMULA	NMR or mass
1203	 <p>2-(1-((1-methylbutyl)amino)carbonothioyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1204		
1205		

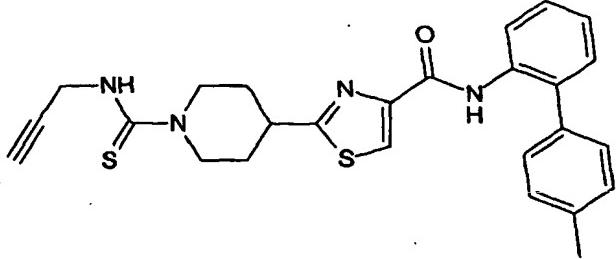
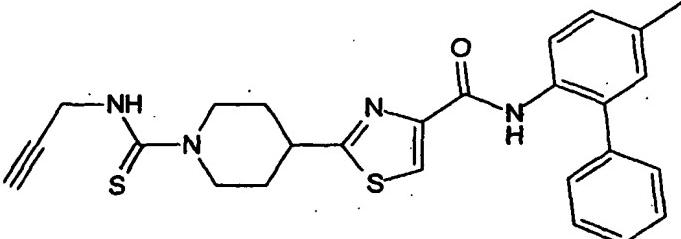
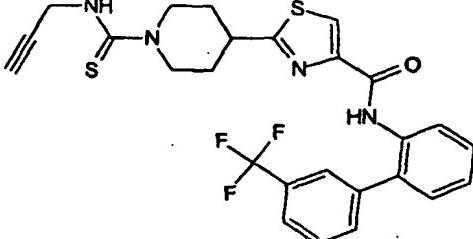
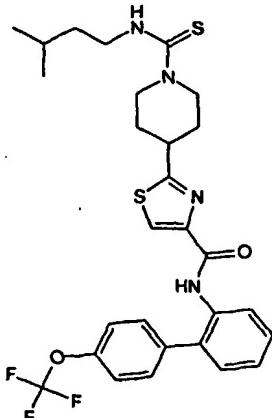
- 453 -

No.	FORMULA	NMR or mass
1206	 <p>2-(1-((1-methylbutyl)amino)carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1207	 <p>2-(1-((2-methylbutyl)amino)carbonothioyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1208		

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No.	FORMULA	NMR or mass
1209		
1210	 <p>2-(1-[(2-methylbutyl)amino]carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1211		

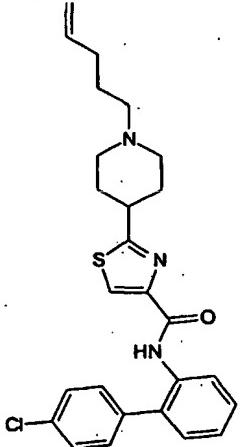
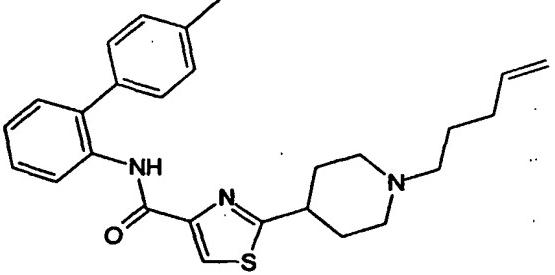
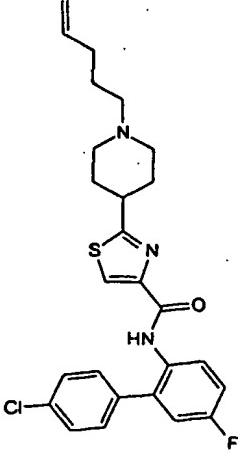
- 455 -

No.	FORMULA	NMR or mass
1212		
1213		
1214		
1215	 <p data-bbox="283 1818 1155 1881">2-(1-{{(3-methylbutyl)amino}carbonothioyl}piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

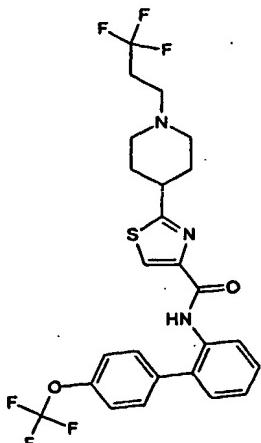
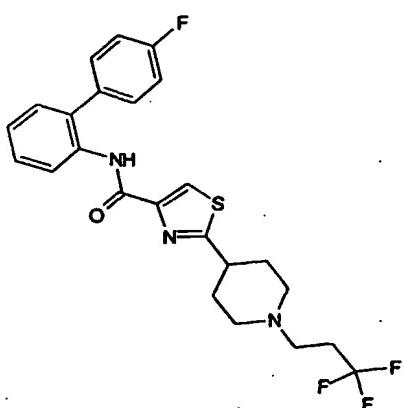
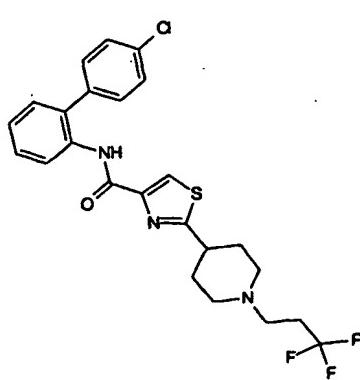
- 456 -

No.	FORMULA	NMR or mass
1216		
1217		
1218		

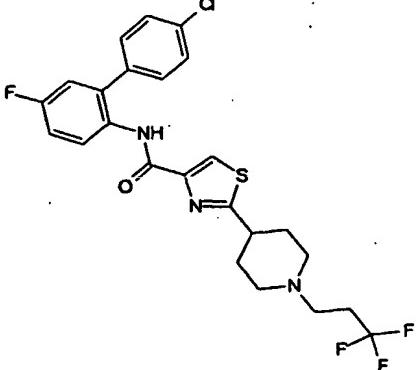
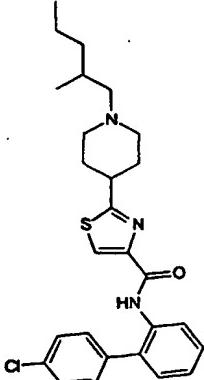
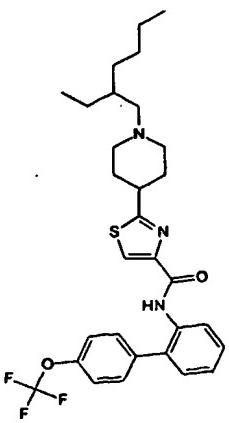
- 457 -

No.	FORMULA	NMR or mass
1219	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-pent-4-en-1-yl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1220		
1221	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-pent-4-en-1-yl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

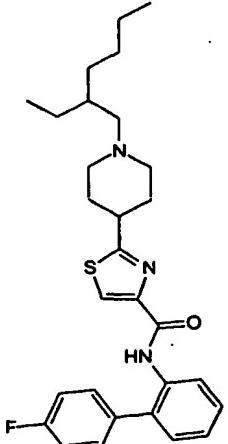
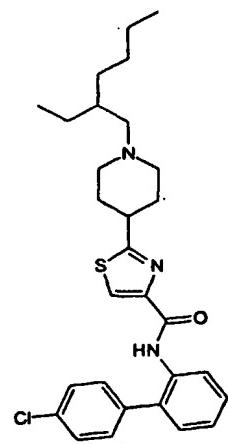
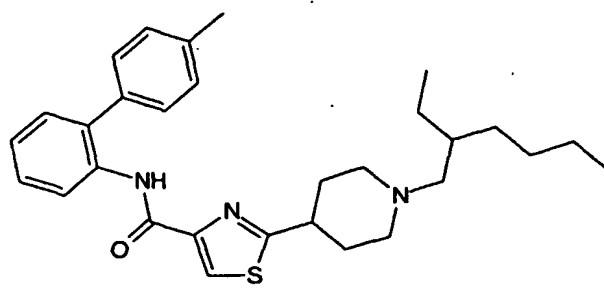
-458-

No.	FORMULA	NMR or mass
1222	 <p>N-[4'-(trifluoromethoxy)biphenyl-2-yl]-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1223	 <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1224	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

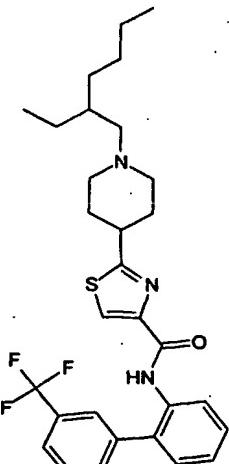
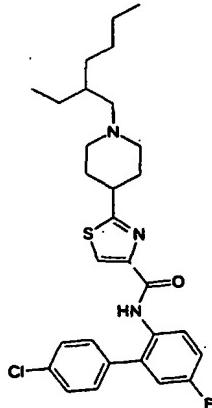
- 459 -

No.	FORMULA	NMR or mass
1225	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1226	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-methylpentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1227	 <p>2-[1-(2-ethylhexyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

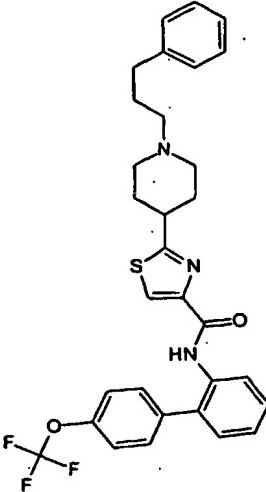
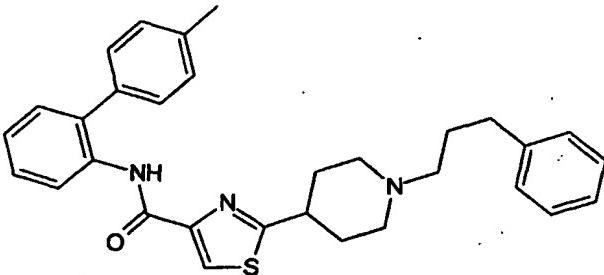
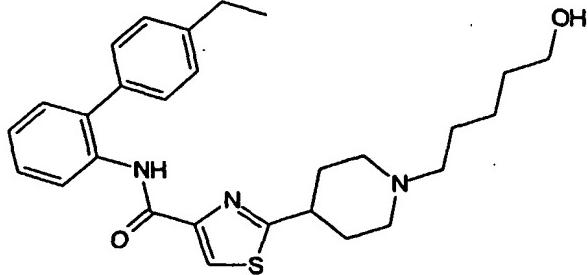
- 460 -

No.	FORMULA	NMR or mass
1228	 <p>2-[1-(2-ethylhexyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1229	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-ethylhexyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1230		

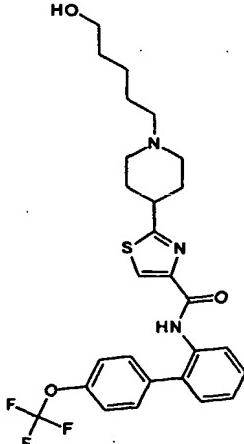
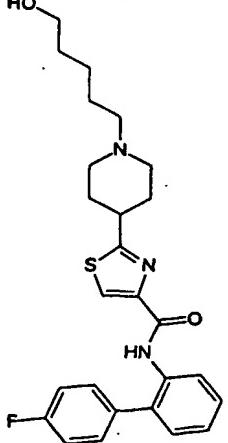
- 461 -

No.	FORMULA	NMR or mass
1231	 <p>2-[1-(2-ethylhexyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1232	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-ethylhexyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

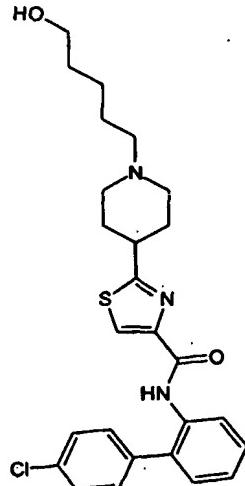
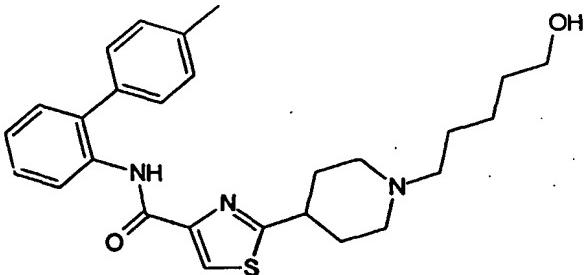
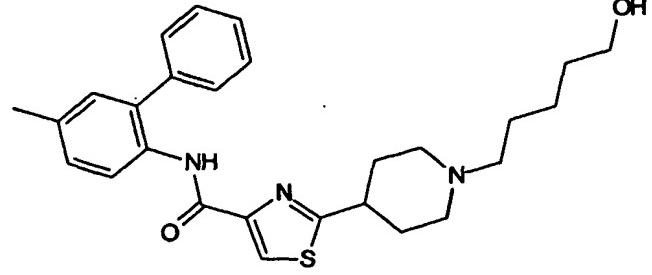
- 462 -

No.	FORMULA	NMR or mass
1233	 <p>2-[1-(3-phenylpropyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1234		
1235		

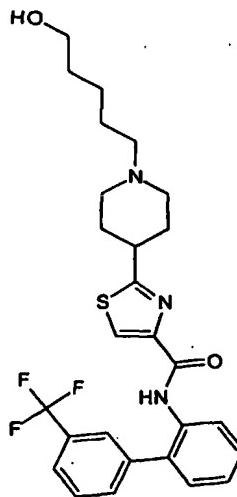
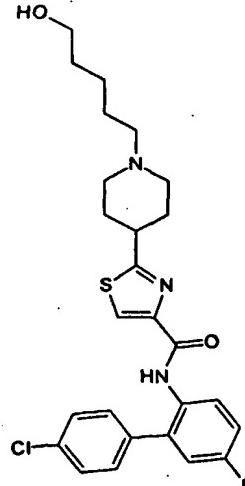
- 463 -

No.	FORMULA	NMR or mass
1236	 <p>2-[1-(5-hydroxypentyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1237	 <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(5-hydroxypentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

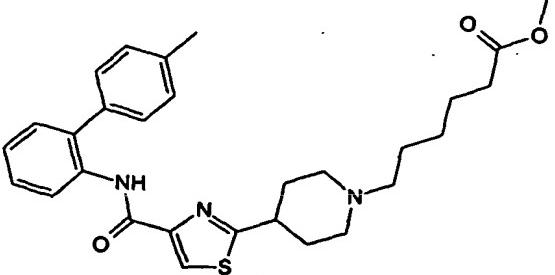
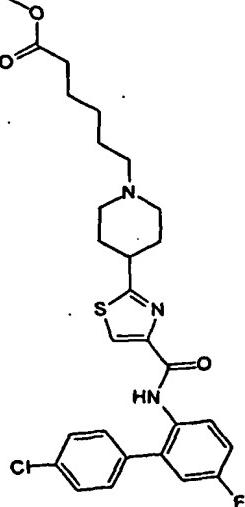
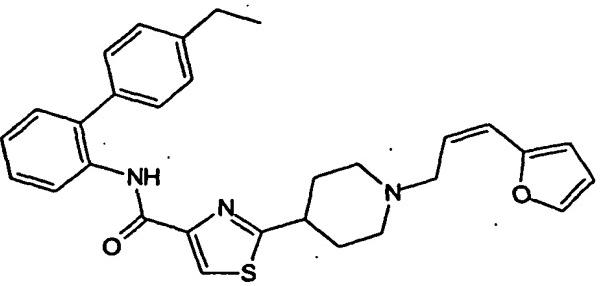
- 464 -

No.	FORMULA	NMR or mass
1238	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(5-hydroxypentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1239		
1240		

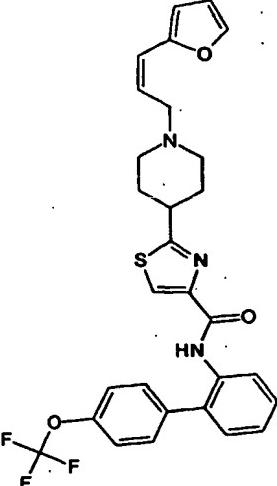
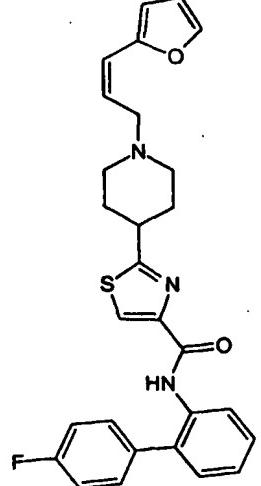
- 465 -

No.	FORMULA	NMR or mass
1241	 <p>2-[1-(5-hydroxypentyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1242	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(5-hydroxypentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

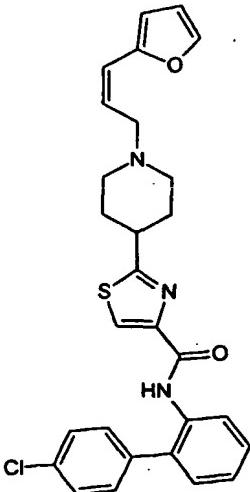
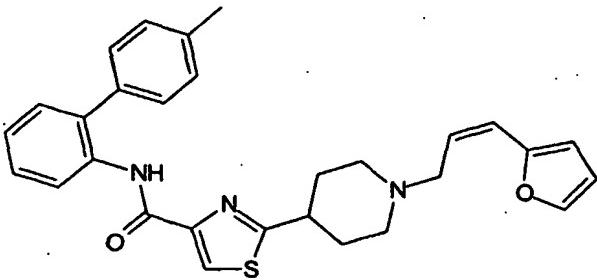
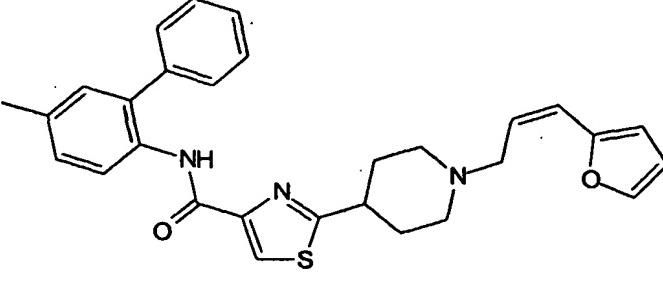
- 466 -

No.	FORMULA	NMR or mass
1243		
1244	 <p data-bbox="290 1277 1215 1341">methyl 6-[4-(4-[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl]-1,3-thiazol-2-yl)piperidin-1-yl]hexanoate</p>	
1245		

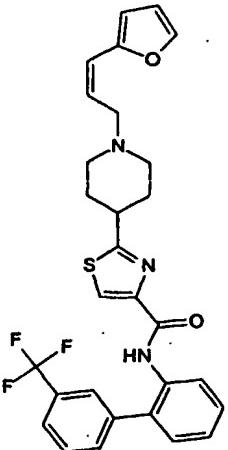
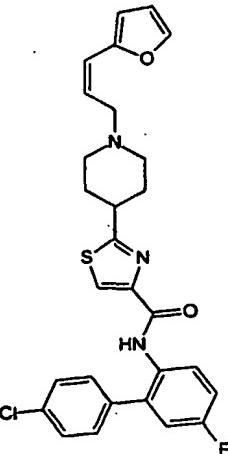
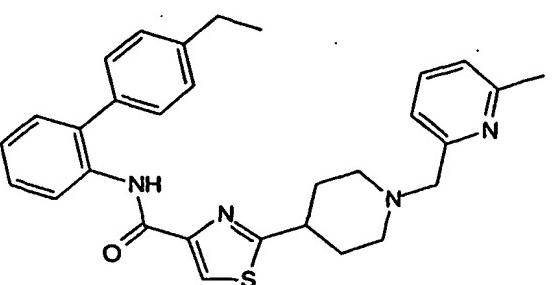
- 467 -

No.	FORMULA	NMR or mass
1246	 <p>2-{1-[(2Z)-3-(2-furyl)prop-2-en-1-yl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1247	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(2Z)-3-(2-furyl)prop-2-en-1-yl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

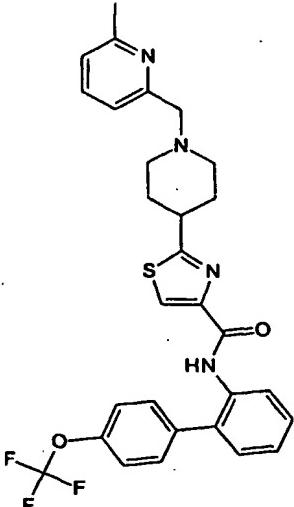
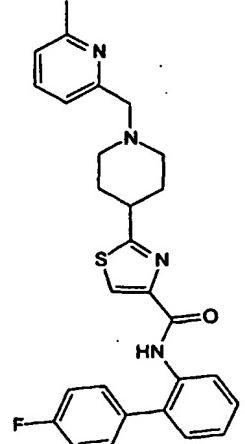
-468-

No.	FORMULA	NMR or mass
1248	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[((Z)-3-(2-furyl)prop-2-en-1-yl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1249		
1250		

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No.	FORMULA	NMR or mass
1251	 <p>2-{1-[(2Z)-3-(2-furyl)prop-2-en-1-yl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1252	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2Z)-3-(2-furyl)prop-2-en-1-yl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1253		

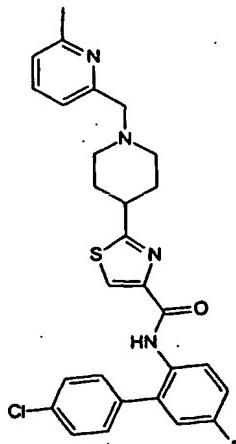
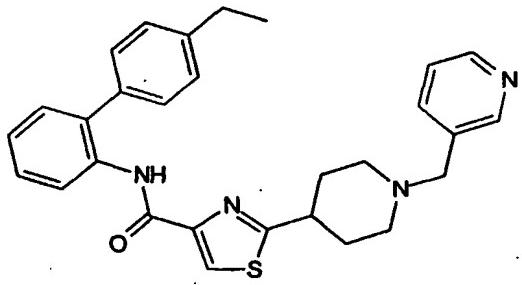
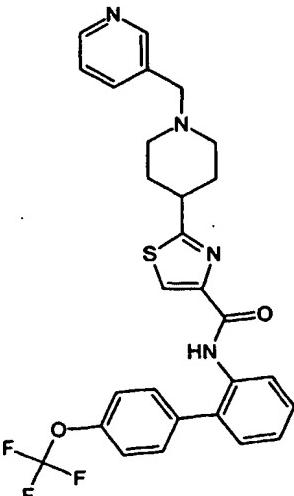
- 470 -

No.	FORMULA	NMR or mass
1254	 <p>2-{1-[(6-methylpyridin-2-yl)methyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1255	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(6-methylpyridin-2-yl)methyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

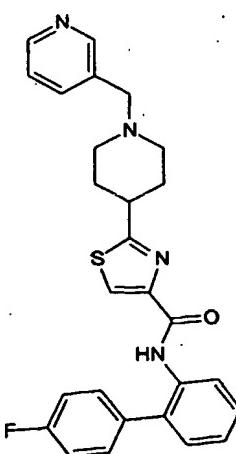
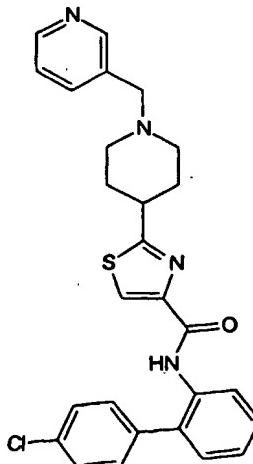
- 471 -

No.	FORMULA	NMR or mass
1256	<p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(6-methylpyridin-2-yl)methyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1257		
1258	<p>2-{1-[(6-methylpyridin-2-yl)methyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

- 472 -

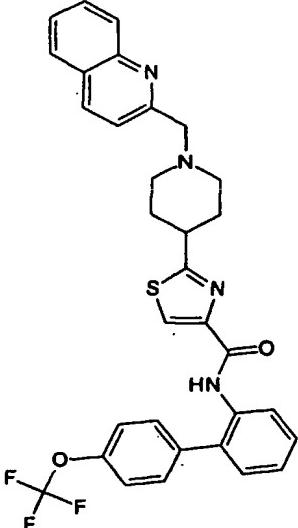
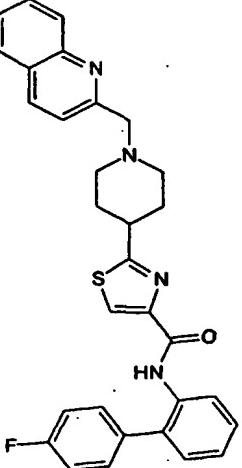
No.	FORMULA	NMR or mass
1259	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(6-methylpyridin-2-yl)methyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1260		
1261	 <p>2-[1-(pyridin-3-ylmethyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

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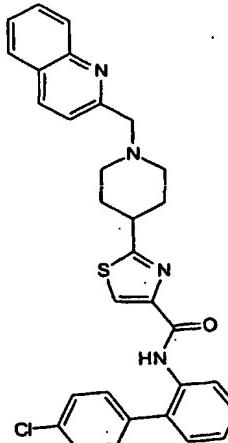
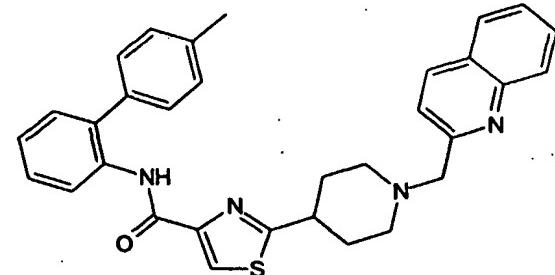
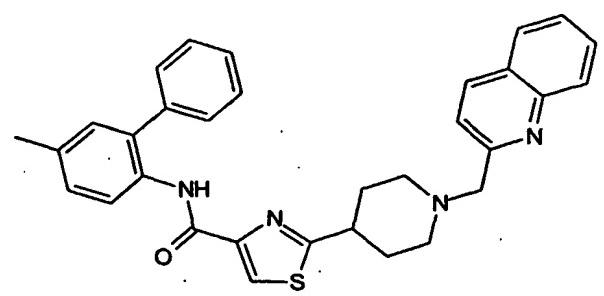
No.	FORMULA	NMR or mass
1262	 <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(pyridin-3-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1263	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(pyridin-3-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

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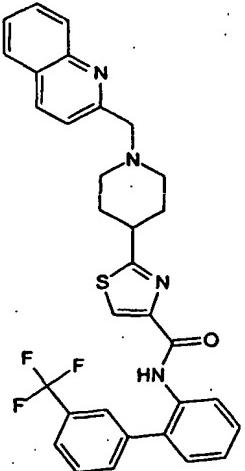
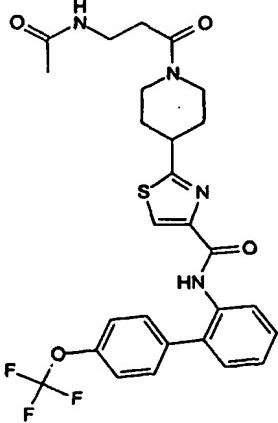
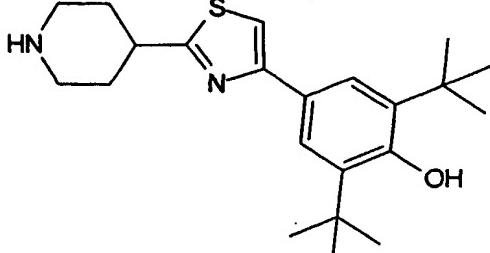
No.	FORMULA	NMR or mass
1264	<p>2-[1-(pyridin-3-ylmethyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1265	<p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(pyridin-3-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1266		

No.	FORMULA	NMR or mass
1267	 <p>2-[1-(quinolin-2-ylmethyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1268	 <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(quinolin-2-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

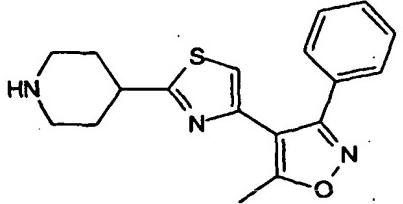
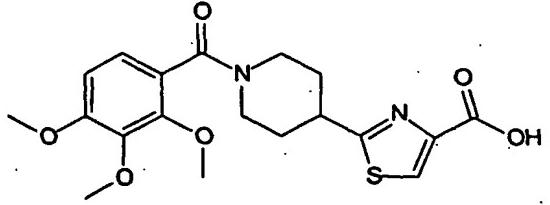
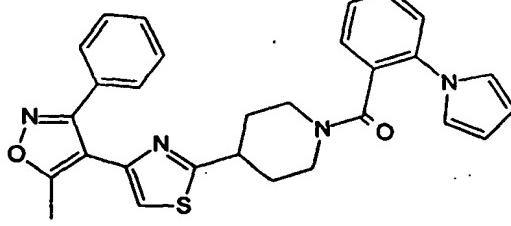
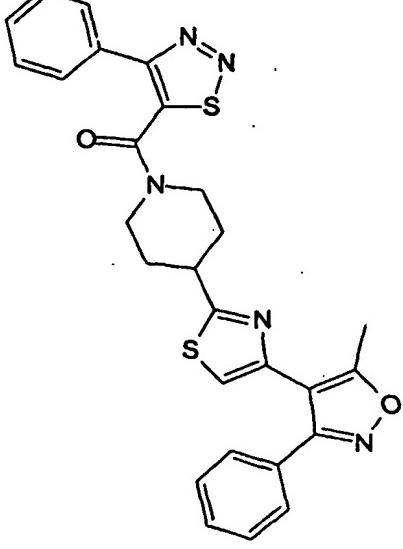
- 476 -

No.	FORMULA	NMR or mass
1269	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(quinolin-2-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1270		
1271		

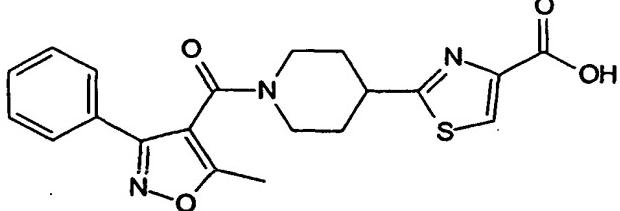
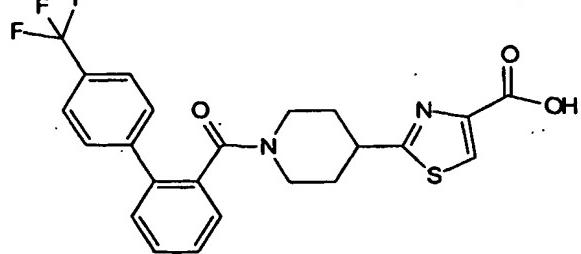
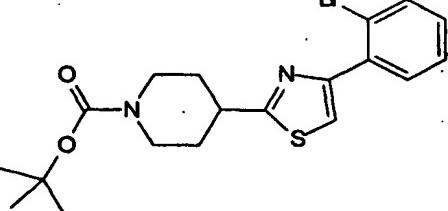
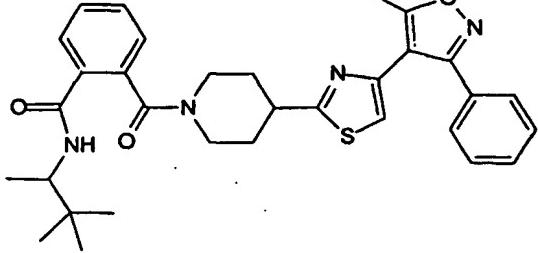
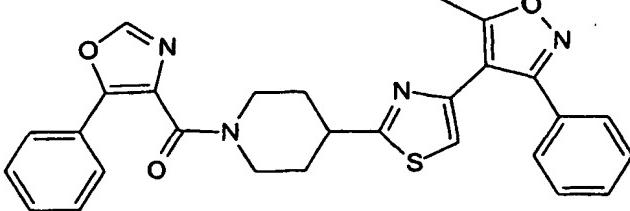
- 477 -

No.	FORMULA	NMR or mass
1272	 <p>2-[1-(quinolin-2-ylmethyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1273	 <p>2-[1-(N-acetyl-beta-alanyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1274		

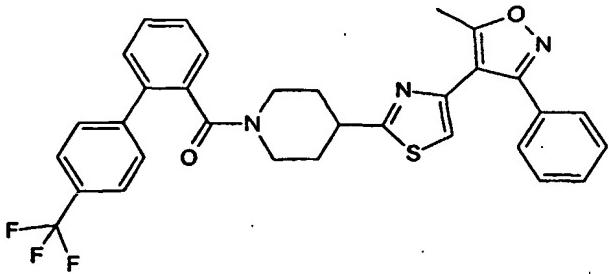
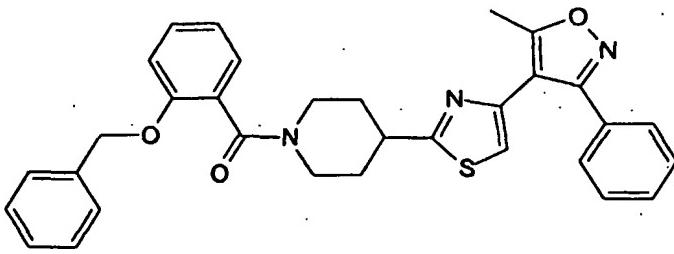
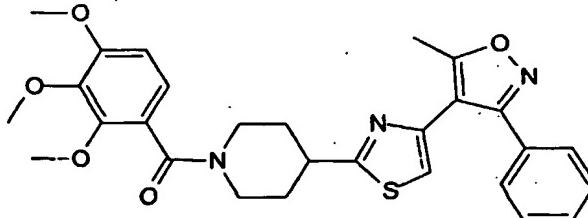
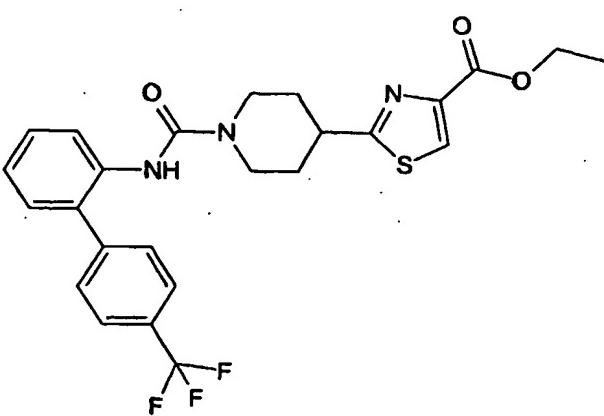
- 478 -

No.	FORMULA	NMR or mass
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1276		
1277		
1278		

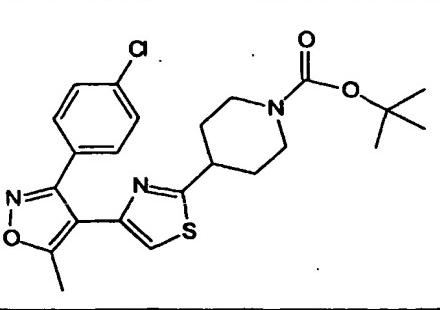
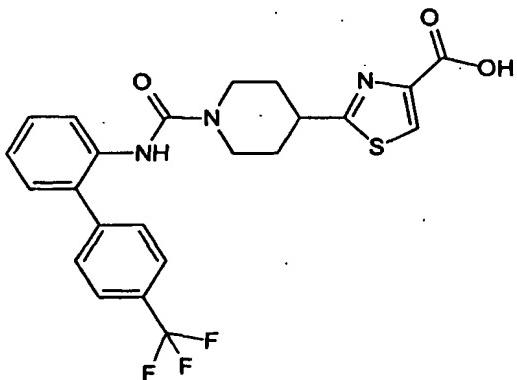
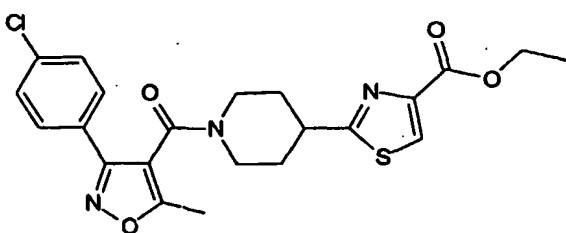
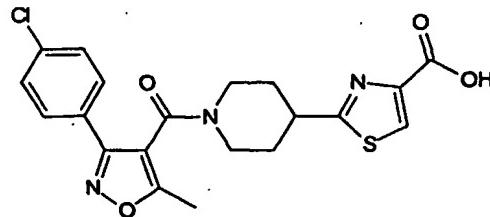
- 479 -

No.	FORMULA	NMR or mass
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1280		
1281		
1282		
1283		

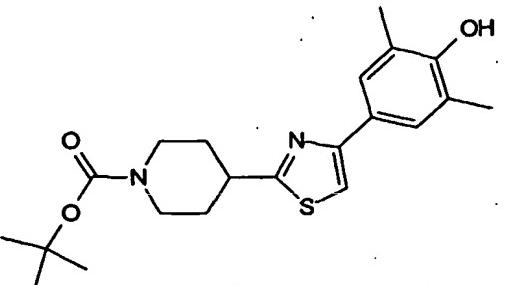
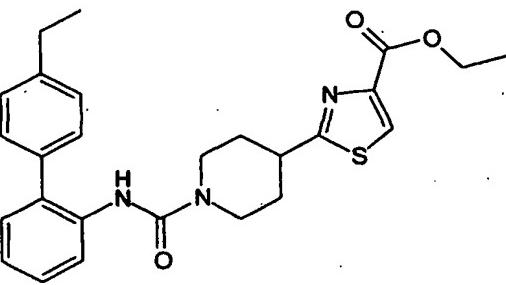
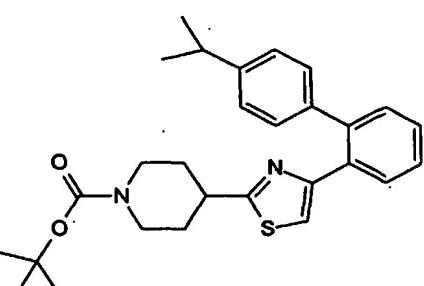
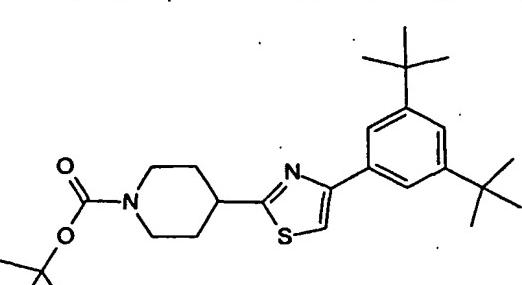
- 480 -

No.	FORMULA	NMR or mass
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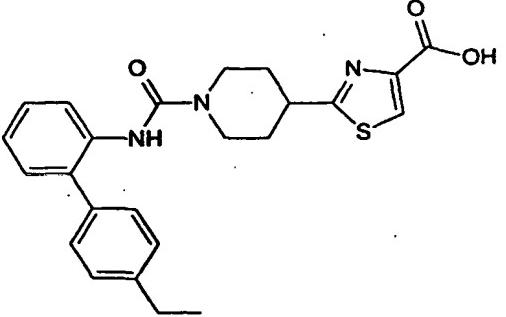
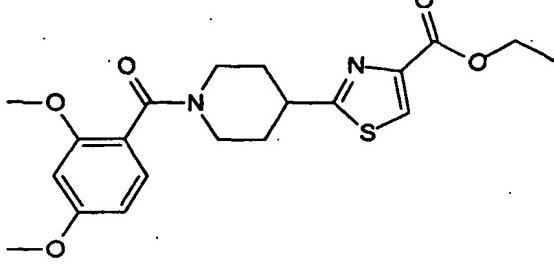
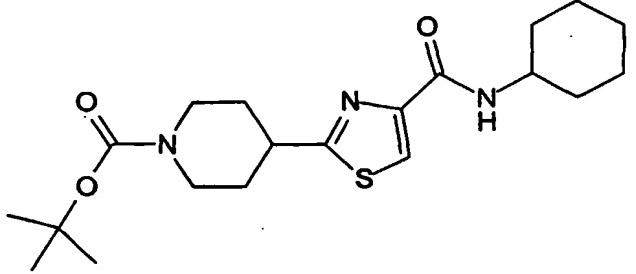
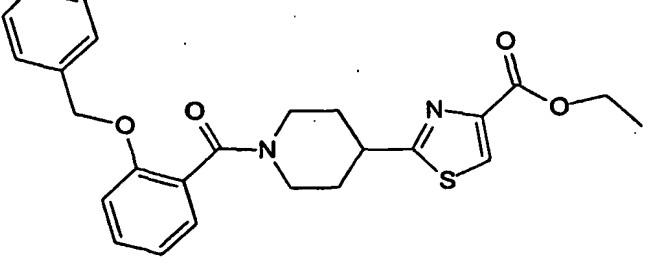
- 481 -

No.	FORMULA	NMR or mass
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1289		
1290		
1291		

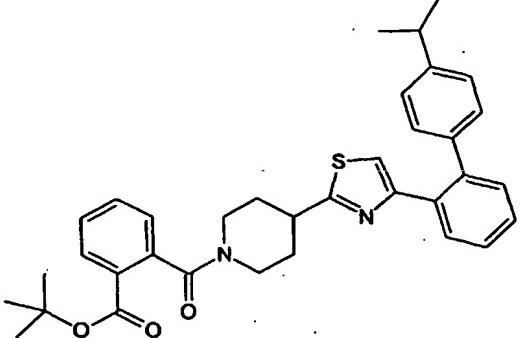
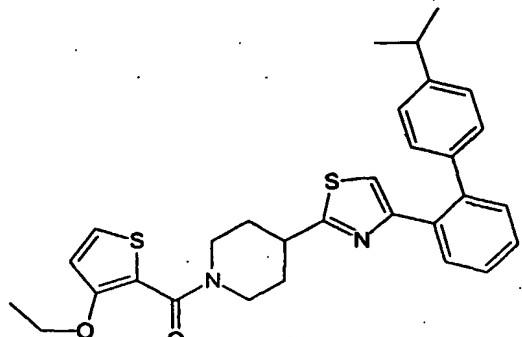
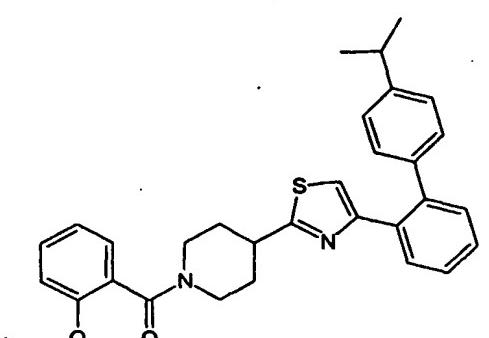
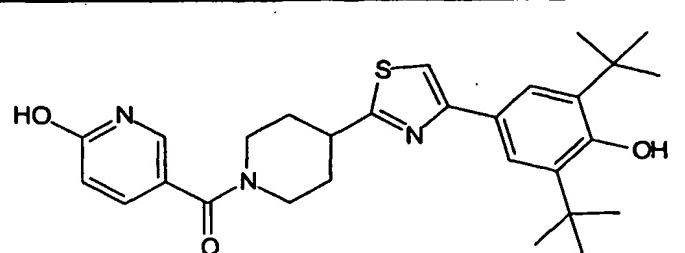
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No.	FORMULA	NMR or mass
1292	 <p>Chemical structure 1292: A piperazine ring substituted with a tert-butyl carbamate group (<math>\text{N}(\text{C}_2\text{H}_5)_2\text{CO}_2\text{C}_2\text{H}_5</math>) at position 1 and a 2-(3,5-dimethylphenyl)-4-hydroxythiazole group at position 4.</p>	
1293	 <p>Chemical structure 1293: A piperazine ring substituted with a 4-phenylbenzyl amine group (<math>\text{NHC}_6\text{H}_4\text{CH}_2\text{Ph}</math>) at position 1 and a 2-(2-ethoxycarbonyl-4-phenylthiazol-5(4H)-yl) group at position 4.</p>	
1294	 <p>Chemical structure 1294: A piperazine ring substituted with a tert-butyl carbamate group (<math>\text{N}(\text{C}_2\text{H}_5)_2\text{CO}_2\text{C}_2\text{H}_5</math>) at position 1 and a 2-(2-phenyl-4-phenylthiazol-5(4H)-yl) group at position 4.</p>	
1295	 <p>Chemical structure 1295: A piperazine ring substituted with a tert-butyl carbamate group (<math>\text{N}(\text{C}_2\text{H}_5)_2\text{CO}_2\text{C}_2\text{H}_5</math>) at position 1 and a 2-(2,6-diisopropylphenyl)-4-hydroxythiazole group at position 4.</p>	

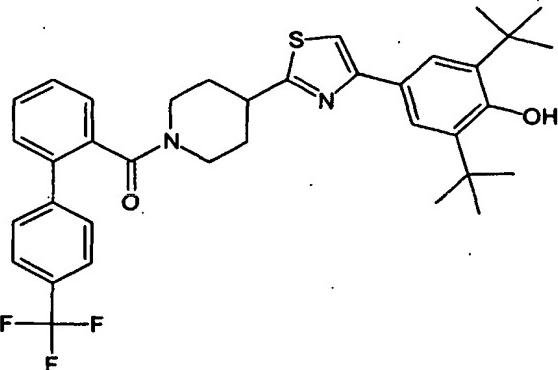
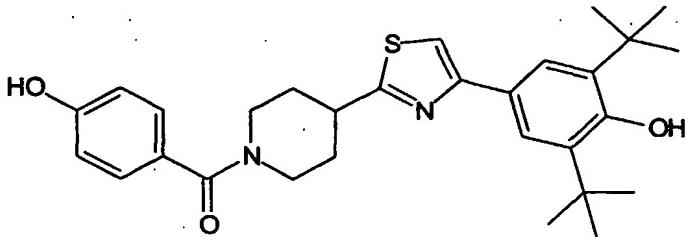
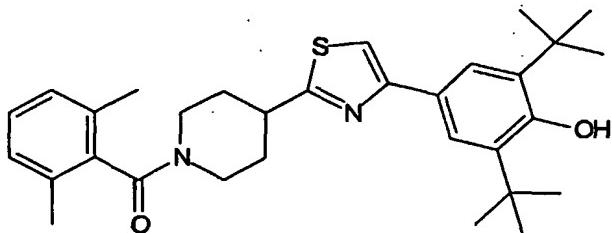
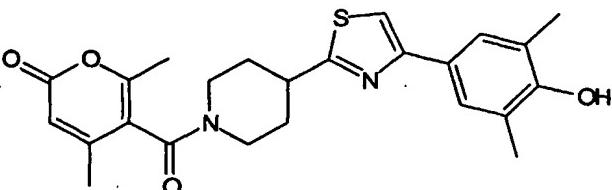
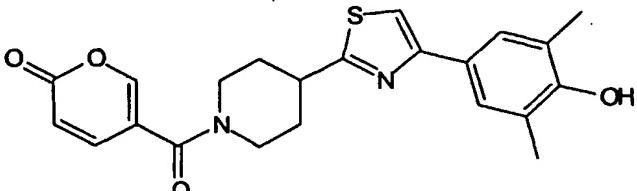
- 483 -

No.	FORMULA	NMR or mass
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1297		
1298		
1299		

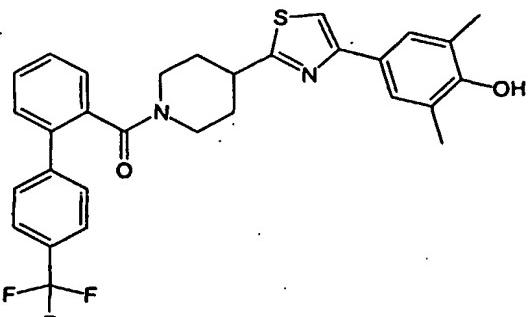
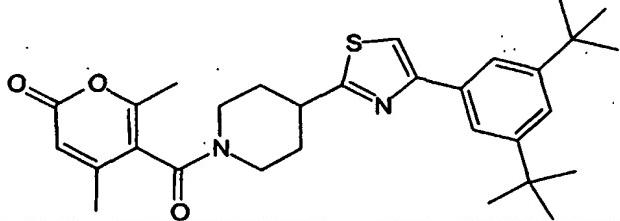
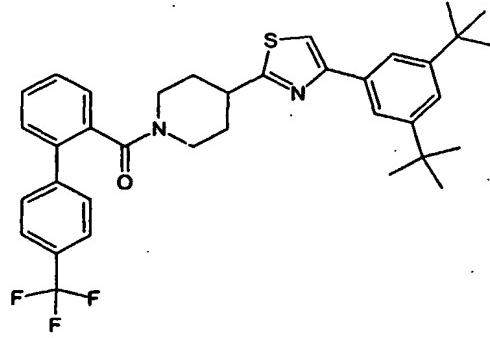
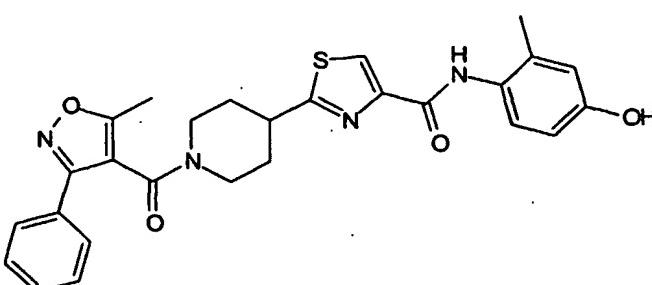
- 484 -

No.	FORMULA	NMR or mass
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1302		
1303		

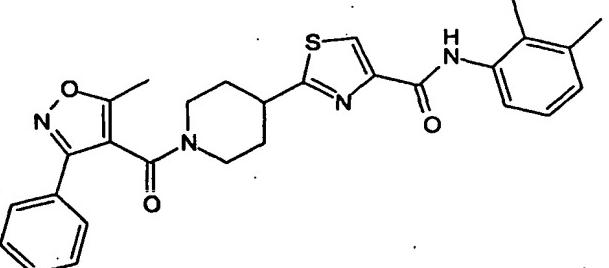
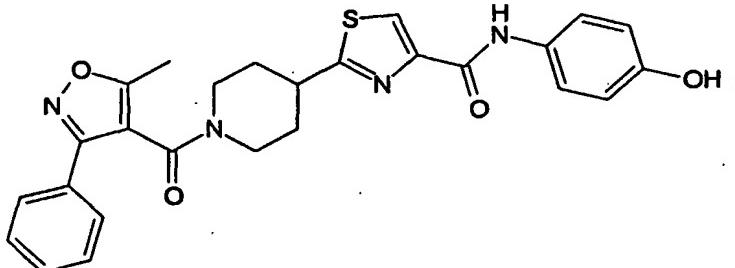
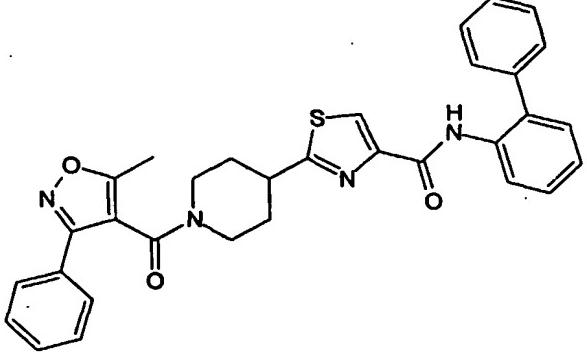
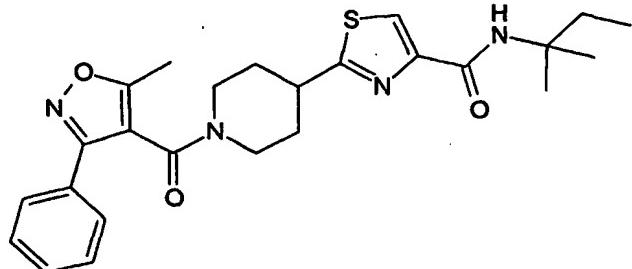
- 485 -

No.	FORMULA	NMR or mass
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1305		
1306		
1307		
1308		

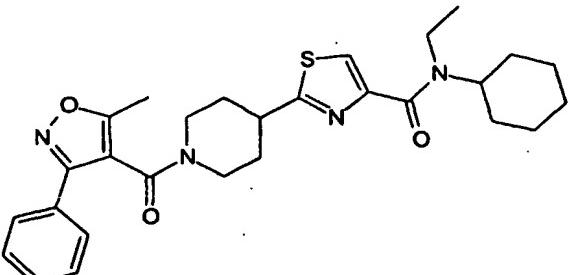
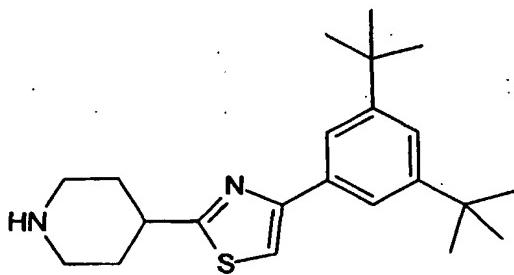
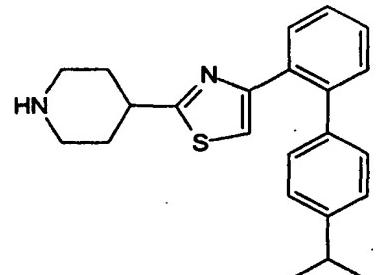
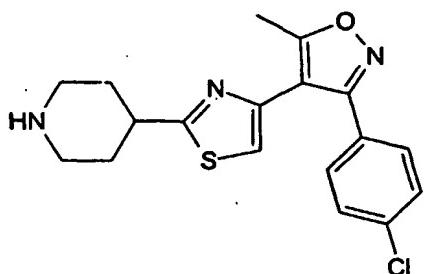
- 486 -

No.	FORMULA	NMR or mass
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1310		
1311		
1312		

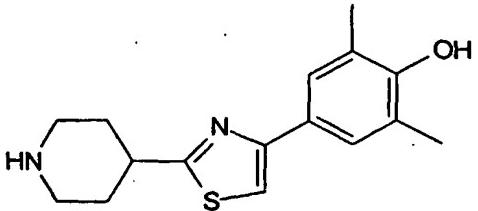
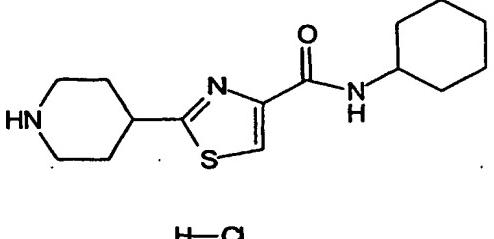
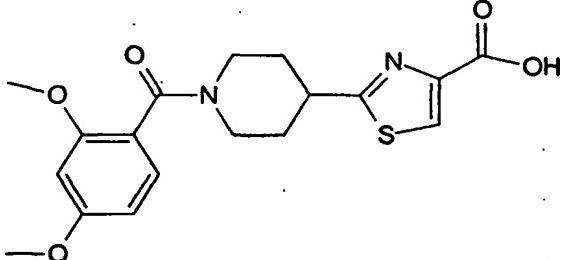
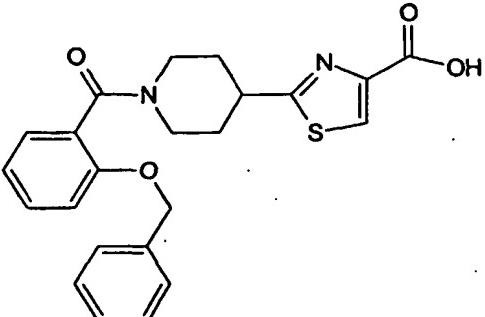
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No.	FORMULA	NMR or mass
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1314		
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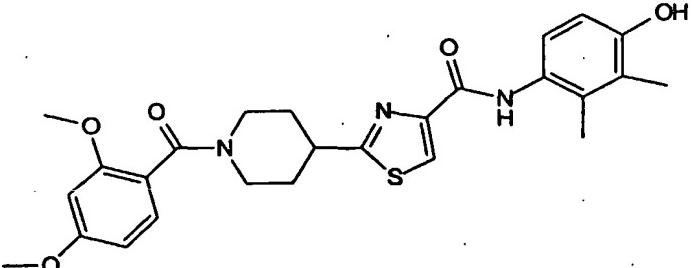
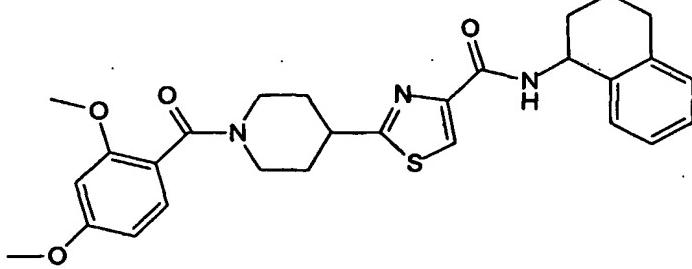
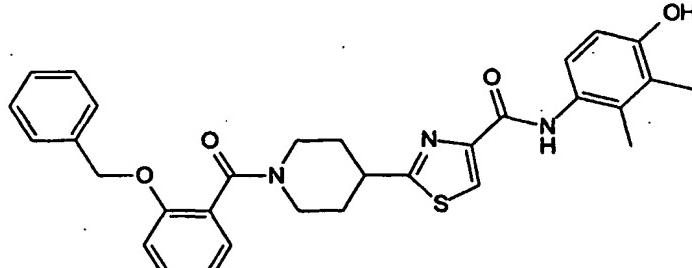
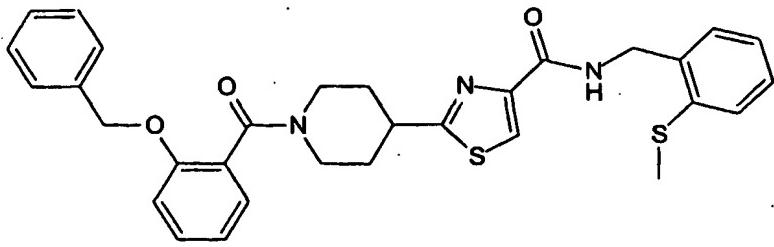
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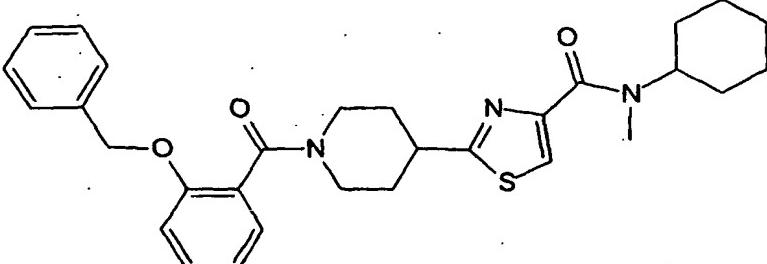
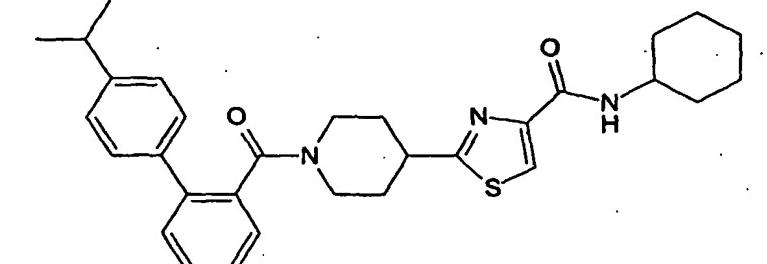
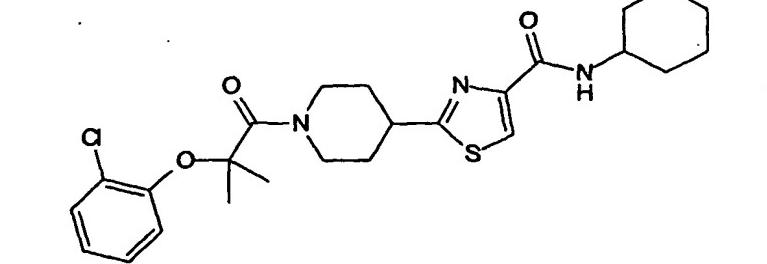
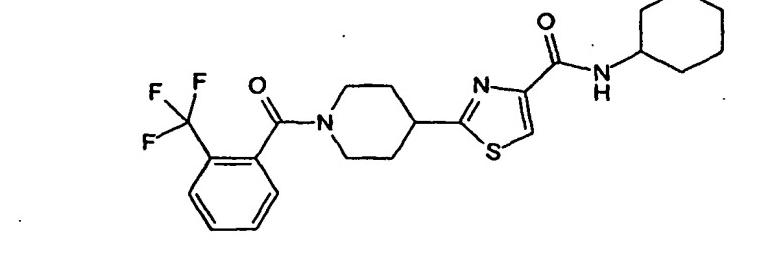
No.	FORMULA	NMR or mass
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1318		
1319		
1320		

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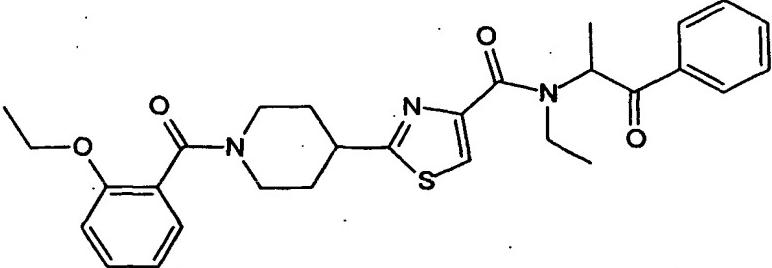
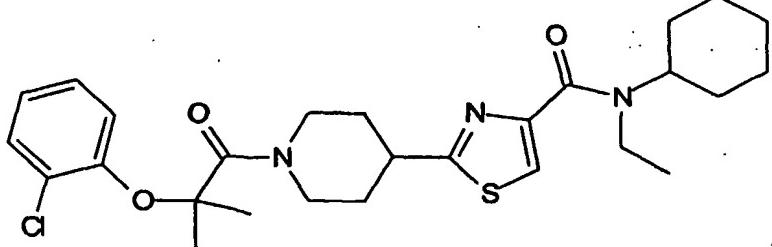
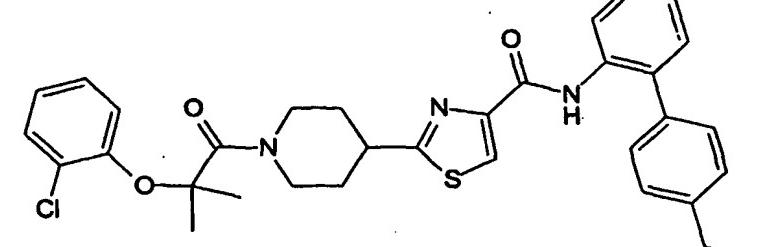
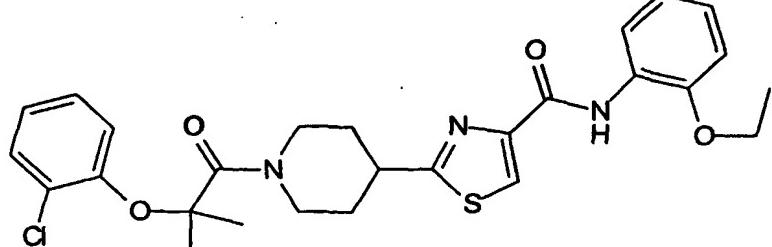
No.	FORMULA	NMR or mass
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1322	 H-A	
1323		
1324		

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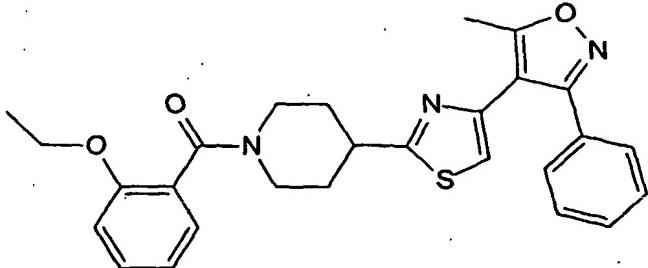
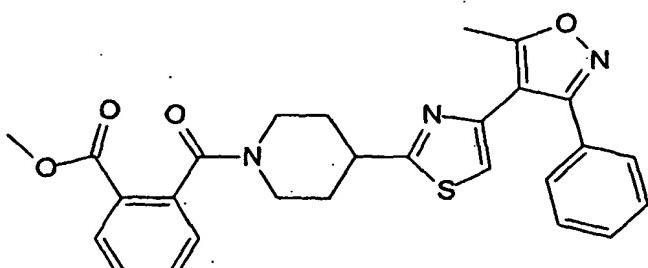
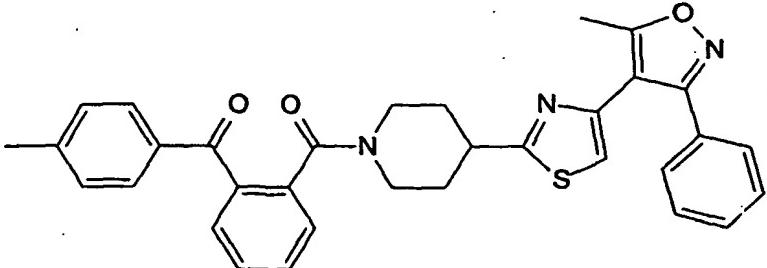
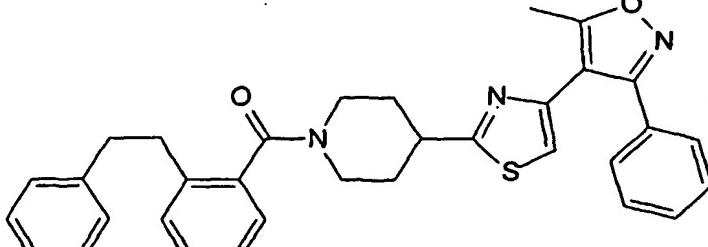
No.	FORMULA	NMR or mass
1325	 <p>Chemical structure 1325: A piperazine derivative substituted with a 4-methoxyphenyl group at one end and a 2-(2-methyl-4-hydroxyphenyl)acetyl group at the other.</p>	
1326	 <p>Chemical structure 1326: A piperazine derivative substituted with a 4-methoxyphenyl group at one end and a 2-(1-methyl-1,2-dihydrophenyl)acetyl group at the other.</p>	
1327	 <p>Chemical structure 1327: A piperazine derivative substituted with a 4-phenylbenzyl group at one end and a 2-(2-methyl-4-hydroxyphenyl)acetyl group at the other.</p>	
1328	 <p>Chemical structure 1328: A piperazine derivative substituted with a 4-phenylbenzyl group at one end and a 2-(2-methyl-4-phenylphenyl)acetyl group at the other.</p>	

No.	FORMULA	NMR or mass
1329	 <p>Chemical structure 1329: A piperazine derivative substituted with a 4-phenylbenzyl carbamate group and a 2-(cyclohexylmethyl)thiazole-4-carbamoyl group.</p>	
1330	 <p>Chemical structure 1330: A piperazine derivative substituted with a 4-(4-isopropylphenyl)benzyl carbamate group and a 2-(cyclohexylmethyl)thiazole-4-carbamoyl group.</p>	
1331	 <p>Chemical structure 1331: A piperazine derivative substituted with a 4-chlorophenyl carbamate group and a 2-(cyclohexylmethyl)thiazole-4-carbamoyl group.</p>	
1332	 <p>Chemical structure 1332: A piperazine derivative substituted with a 4-(trifluoromethyl)benzyl carbamate group and a 2-(cyclohexylmethyl)thiazole-4-carbamoyl group.</p>	

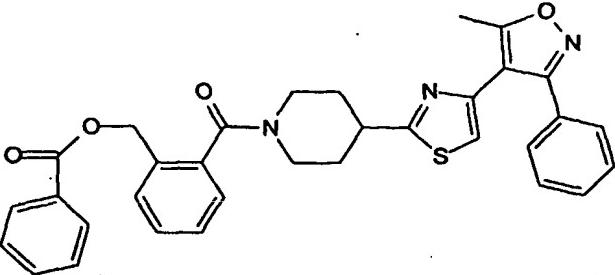
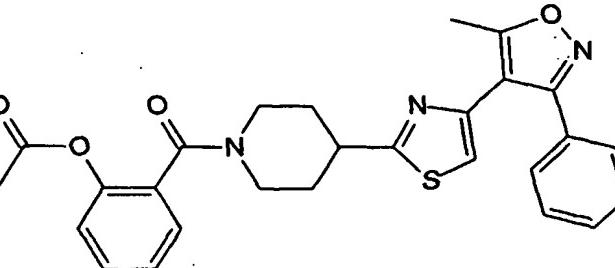
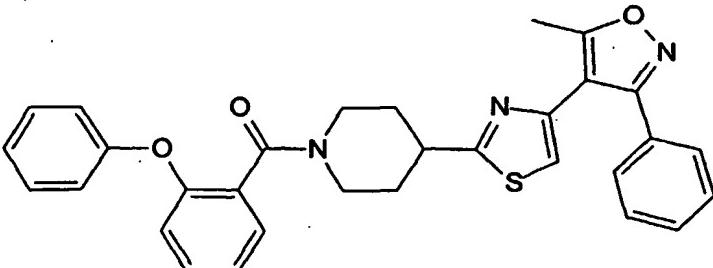
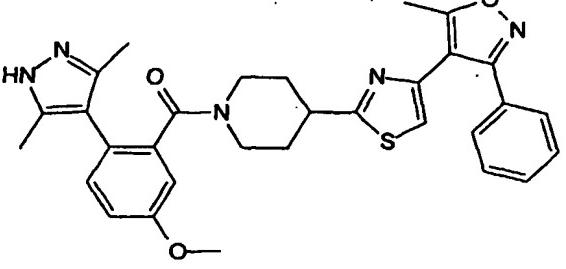
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No.	FORMULA	NMR or mass
1333	 <p>Chemical structure 1333: A piperazine derivative substituted with a 2-(2-methoxyphenyl)acetyl group, a 2-thienylmethyl group, and a 2-(2-phenylacetamido)ethyl group.</p>	
1334	 <p>Chemical structure 1334: A piperazine derivative substituted with a 2-(2-chlorophenoxy)acetyl group, a 2-thienylmethyl group, and a 2-(2-ethylacetamido)cyclohexyl group.</p>	
1335	 <p>Chemical structure 1335: A piperazine derivative substituted with a 2-(2-chlorophenoxy)acetyl group, a 2-thienylmethyl group, and a 2-(2-phenylindolin-3-ylmethyl) group.</p>	
1336	 <p>Chemical structure 1336: A piperazine derivative substituted with a 2-(2-chlorophenoxy)acetyl group, a 2-thienylmethyl group, and a 2-(2-ethoxyphenylmethyl) group.</p>	

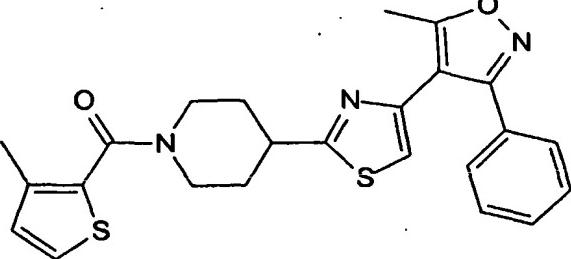
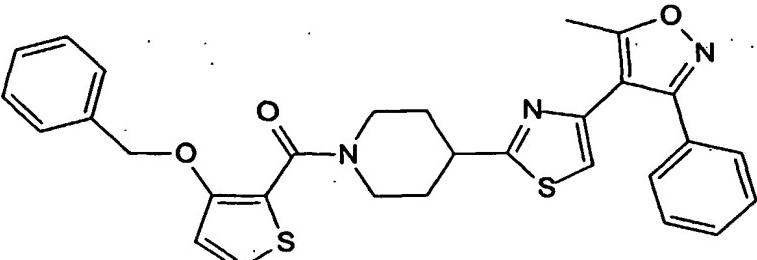
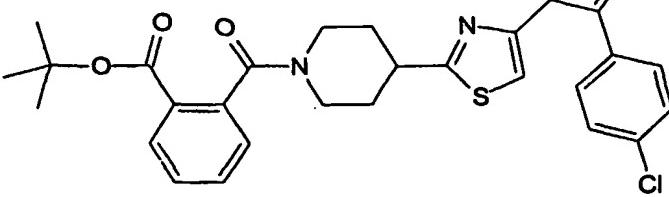
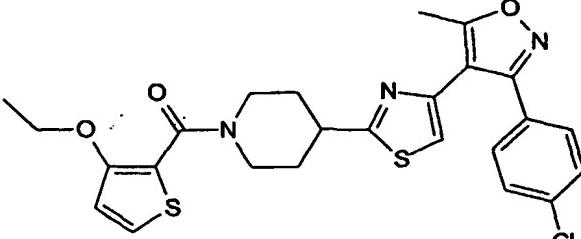
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No.	FORMULA	NMR or mass
1337	 <p>Chemical structure 1337: A piperazine derivative substituted with a 4-(4-methoxyphenyl)-1-methyl-1,2-dihydroimidazole group.</p>	
1338	 <p>Chemical structure 1338: A piperazine derivative substituted with a 4-(4-acetoxyphenyl)-1-methyl-1,2-dihydroimidazole group.</p>	
1339	 <p>Chemical structure 1339: A piperazine derivative substituted with a 4-(4-phenyl-1-methyl-1,2-dihydroimidazole-2-carbonylphenyl)-1-methyl-1,2-dihydroimidazole group.</p>	
1340	 <p>Chemical structure 1340: A piperazine derivative substituted with a 4-(4-phenyl-1-methyl-1,2-dihydroimidazole-2-carbonylcyclohexyl)-1-methyl-1,2-dihydroimidazole group.</p>	

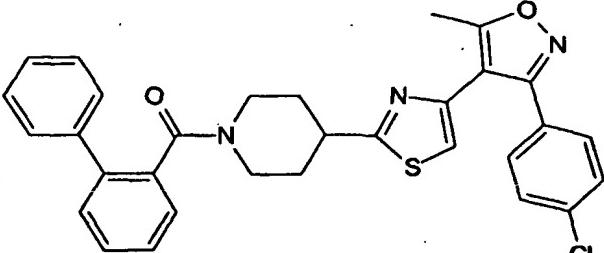
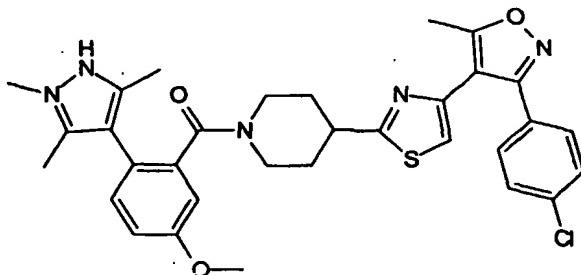
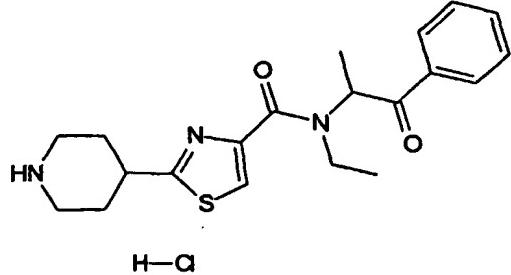
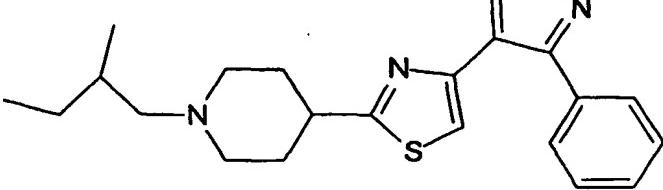
-494-

No.	FORMULA	NMR or mass
1341	 <p>Chemical structure 1341: A piperazine ring substituted at the 4-position with a phenyl group, a 2-(4-phenylbutyryl)phenyl group, and a 2-(4-phenylbutyryl)-4-methyl-5-thiazolyl group.</p>	
1342	 <p>Chemical structure 1342: A piperazine ring substituted at the 4-position with a phenyl group, a 2-(4-acetoxyphenyl)phenyl group, and a 2-(4-phenylbutyryl)-4-methyl-5-thiazolyl group.</p>	
1343	 <p>Chemical structure 1343: A piperazine ring substituted at the 4-position with a phenyl group, a 2-(4-phenylbutyryl)phenyl group, and a 2-(4-phenylbutyryl)-4-methyl-5-thiazolyl group.</p>	
1344	 <p>Chemical structure 1344: A piperazine ring substituted at the 4-position with a 2-(4-methoxyphenyl)phenyl group, a 2-(4-phenylbutyryl)phenyl group, and a 2-(4-phenylbutyryl)-4-methyl-5-thiazolyl group.</p>	

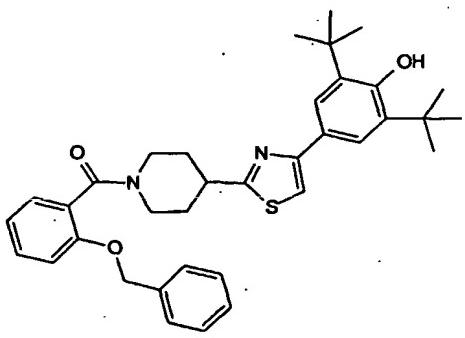
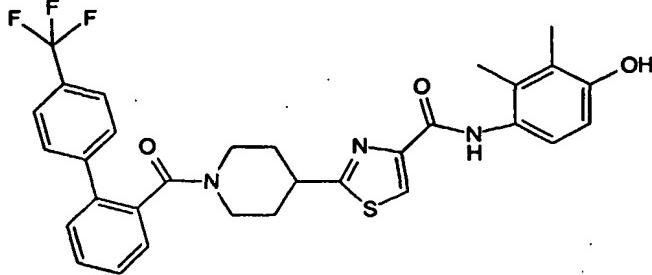
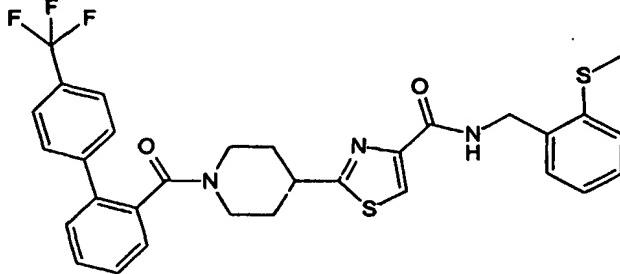
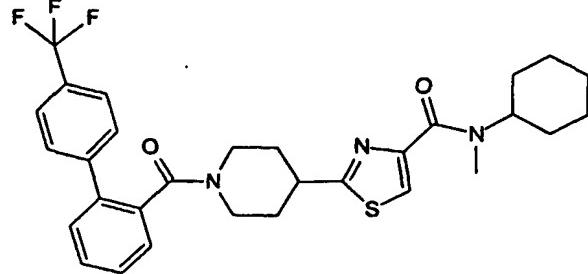
- 495 -

No.	FORMULA	NMR or mass
1345		
1346		
1347		
1348		

- 496 -

No.	FORMULA	NMR or mass
1349		
1350		
1351	 H-Cl	
1352		

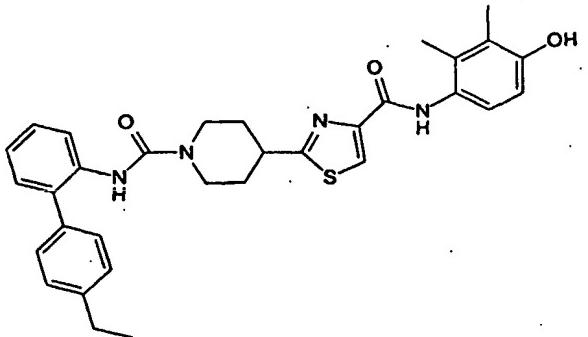
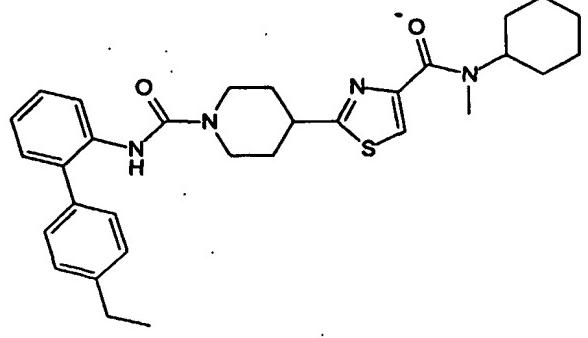
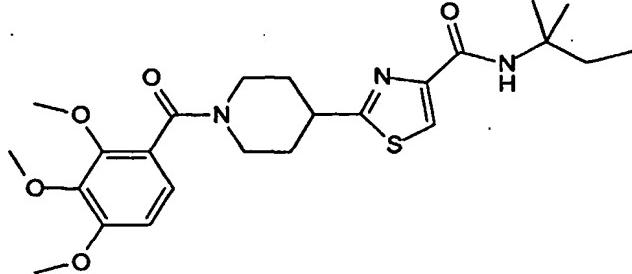
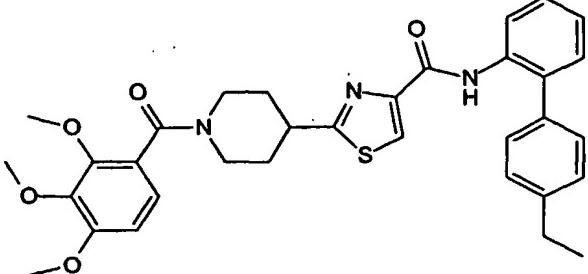
-497-

No.	FORMULA	NMR or mass
1353	 <p>4-(2-{1-[2-(benzyloxy)benzoyl]piperidin-4-yl}-1,3-thiazol-4-yl)-2,6-di-tert-butylphenol</p>	
1354		
1355		
1356		

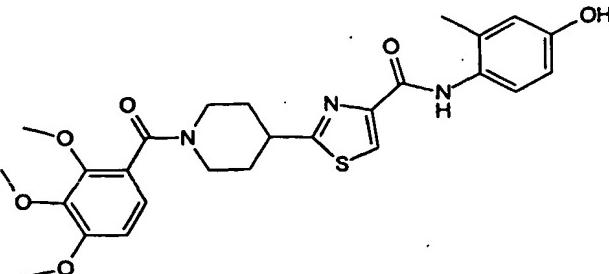
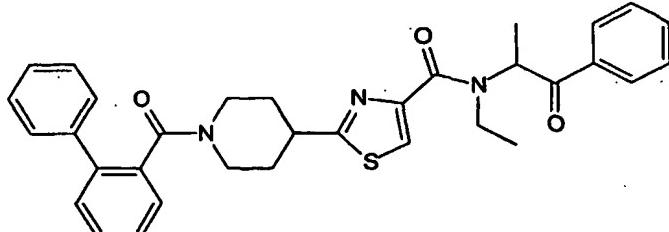
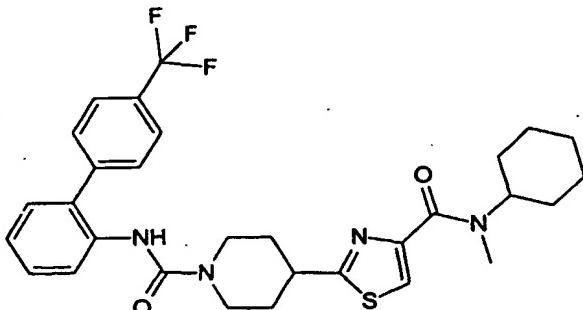
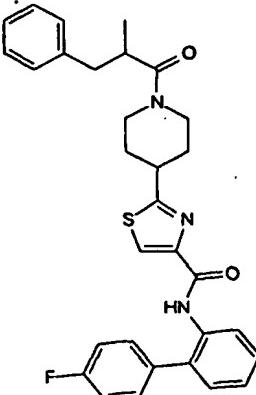
- 498 -

No.	FORMULA	NMR or mass
1357		
1358		
1359		
1360		

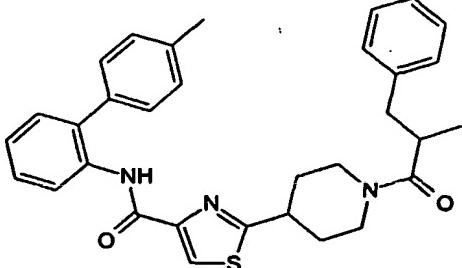
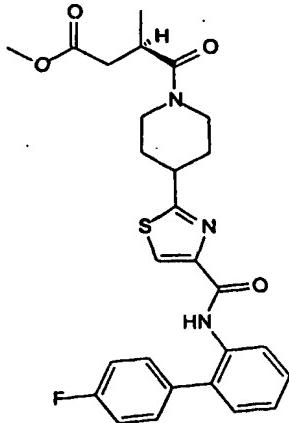
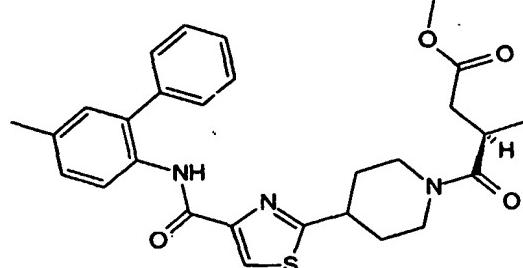
- 499 -

No.	FORMULA	NMR or mass
1361		
1362		
1363		
1364		

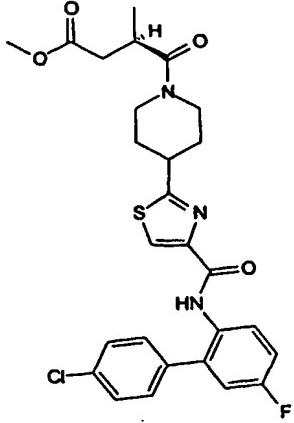
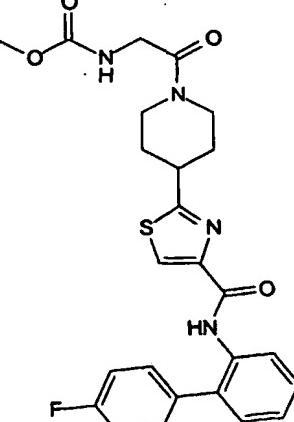
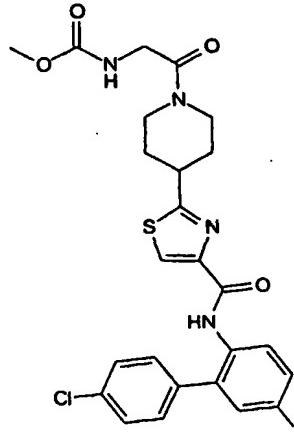
- 500 -

No.	FORMULA	NMR or mass
1365		
1366		
1367		
1368	 N-(4'-fluorobiphenyl-2-yl)-2-[1-(2-methyl-3-phenylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide	

-501-

No.	FORMULA	NMR or mass
1369		
1370	 <p data-bbox="300 1178 1197 1241">methyl (3R)-4-[4-{[(4'-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl]piperidin-1-yl]-3-methyl-4-oxobutanoate</p>	
1371		

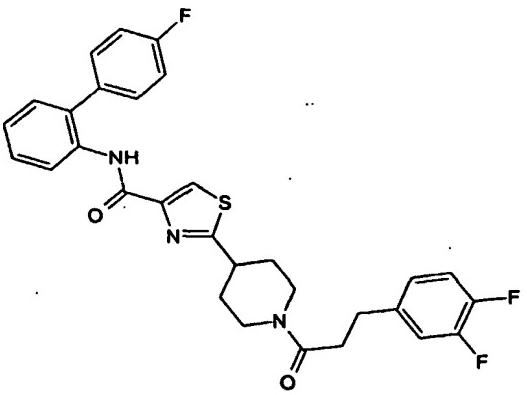
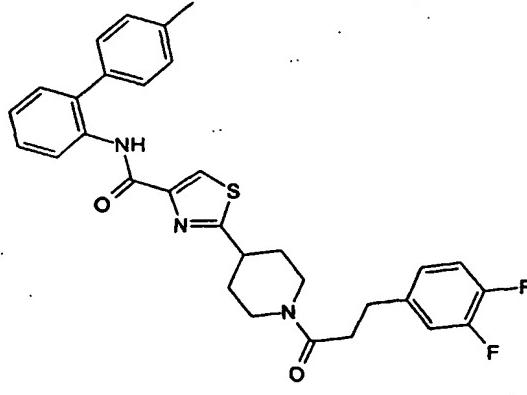
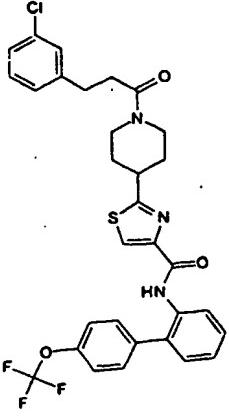
- 502 -

No.	FORMULA	NMR or mass
1372	 <p>methyl (3R)-4-[4-{[(4'-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl]piperidin-1-yl]-3-methyl-4-oxobutanoate</p>	
1373		
1374		

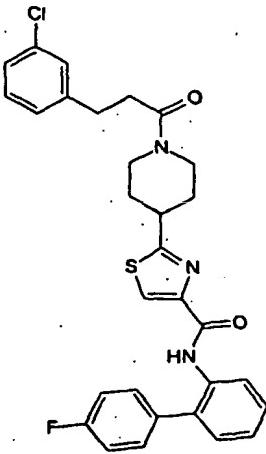
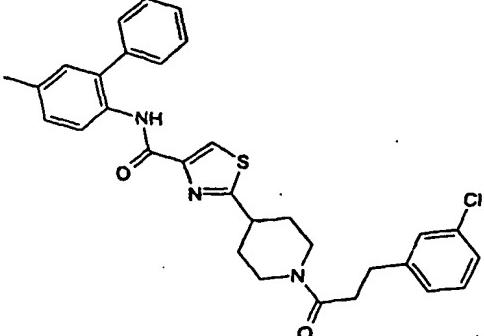
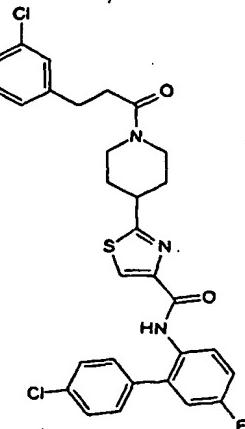
- 503 -

No.	FORMULA	NMR or mass
1375	<p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(3-pyridin-3-ylpropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1376		
1377		

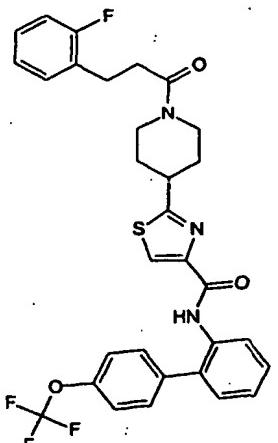
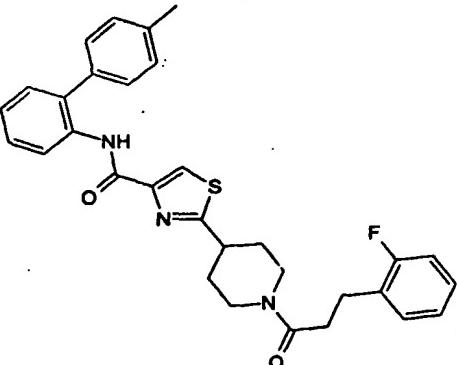
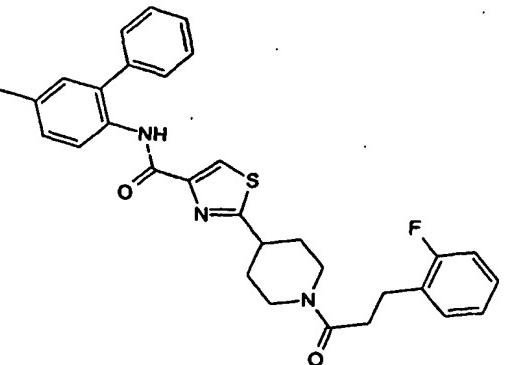
- 504 -

No.	FORMULA	NMR or mass
1378	 <p>2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1379	 <p>2-{1-[3-(3,4-difluorophenyl)propanoyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1380	 <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

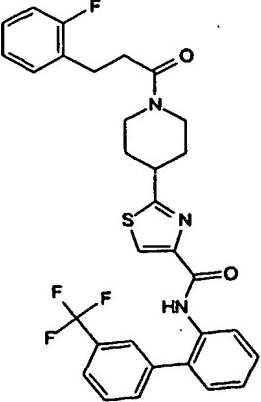
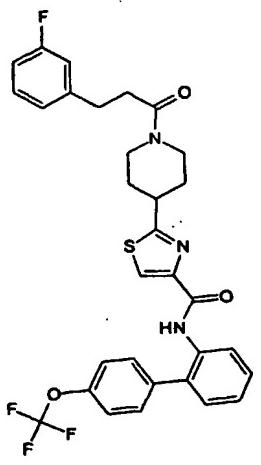
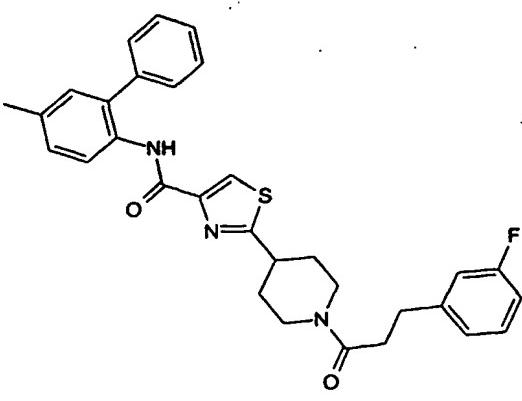
- 505 -

No.	FORMULA	NMR or mass
1381	 <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1382	 <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1383	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

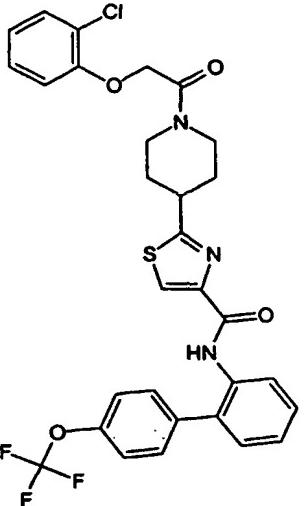
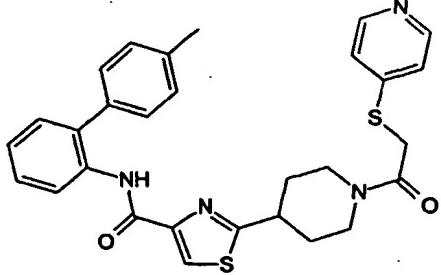
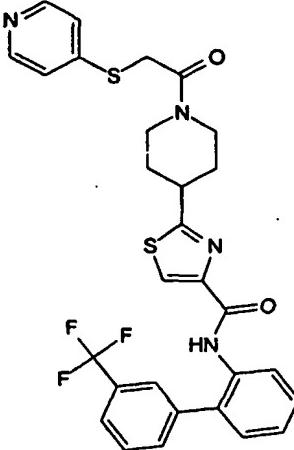
- 506 -

No.	FORMULA	NMR or mass
1384	 <p>2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1385	 <p>2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1386	 <p>2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

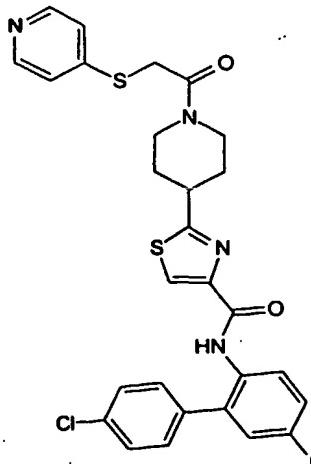
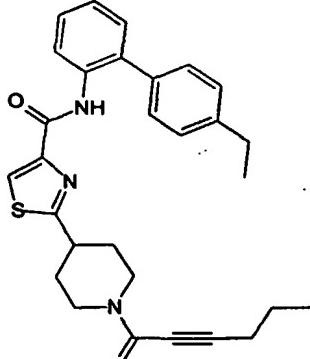
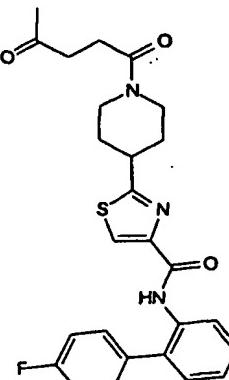
- 507 -

No.	FORMULA	NMR or mass
1387	 <p>2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1388	 <p>2-{1-[3-(3-fluorophenyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1389		

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No.	FORMULA	NMR or mass
1390	 <p>2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1391		
1392		

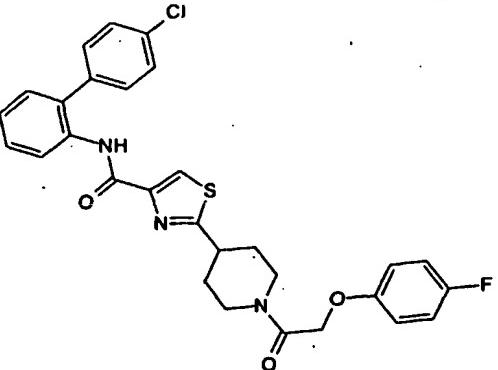
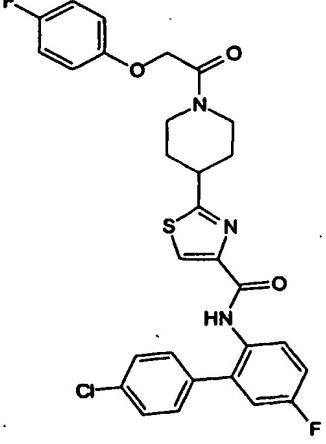
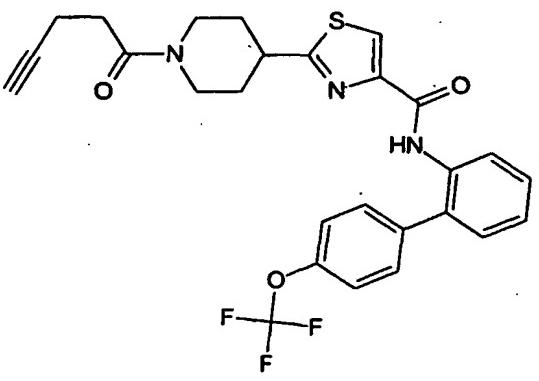
- 509 -

No.	FORMULA	NMR or mass
1393	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(pyridin-4-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1394	 <p>N-(4'-ethylbiphenyl-2-yl)-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1395		

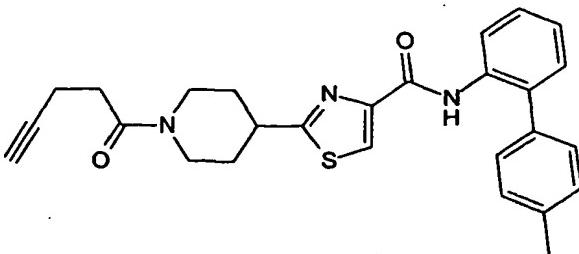
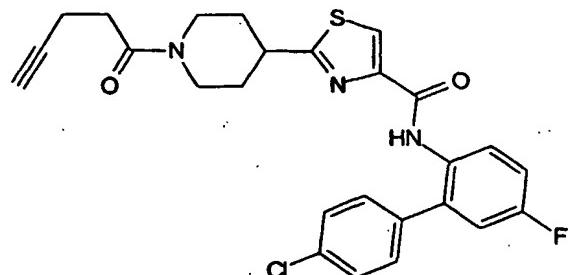
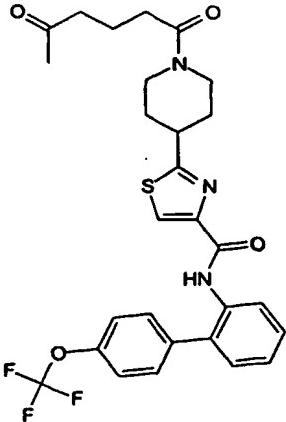
- 510 -

No.	FORMULA	NMR or mass
1396		
1397	<p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(4-oxopentanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1398		

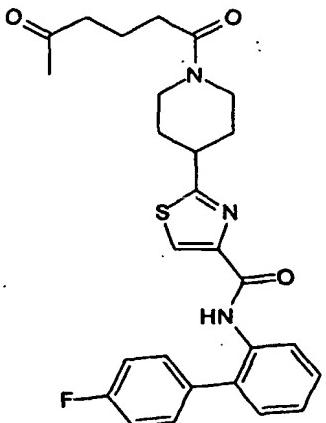
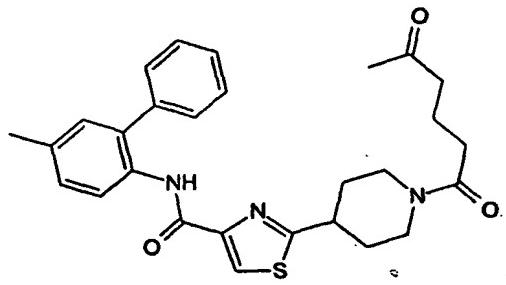
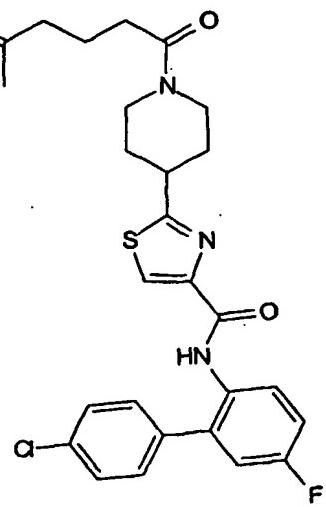
- 511 -

No.	FORMULA	NMR or mass
1399	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(4-fluorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1400	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(4-fluorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1401		

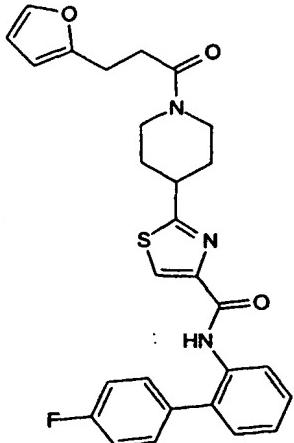
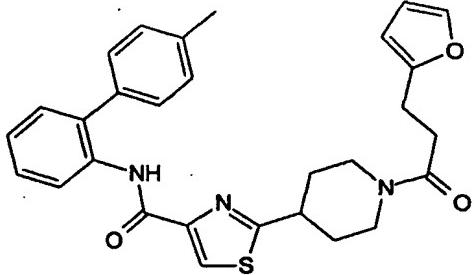
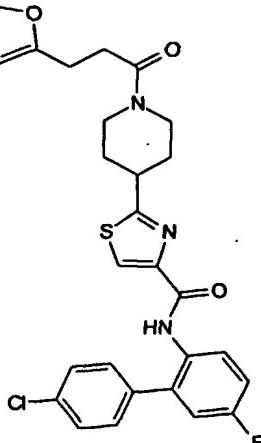
- 512 -

No.	FORMULA	NMR or mass
1402		
1403		
1404	 <p data-bbox="295 1531 1241 1619">2-[1-(5-oxohexanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

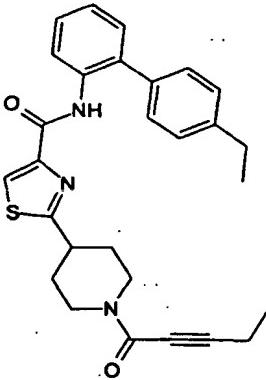
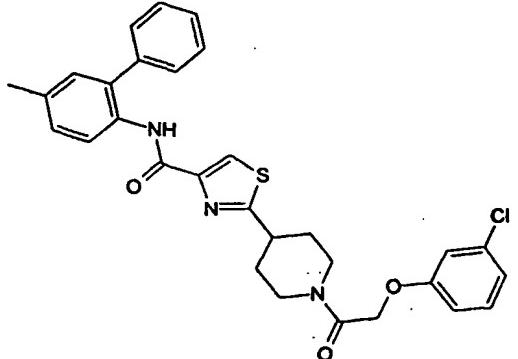
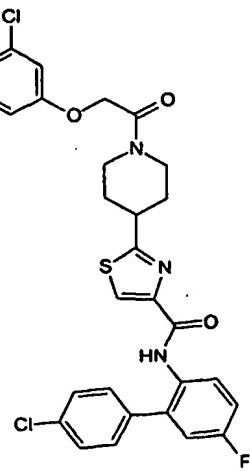
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No.	FORMULA	NMR or mass
1405	 <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(5-oxohexanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1406		
1407		

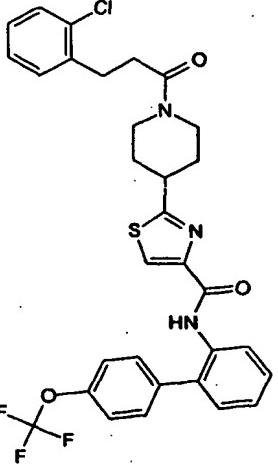
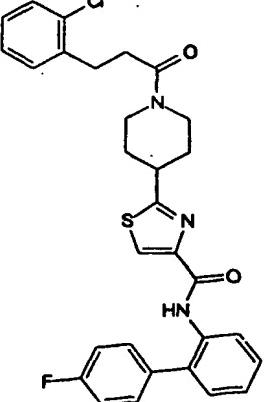
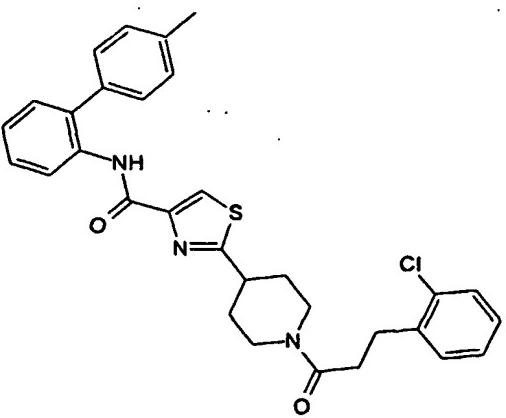
- 514 -

No.	FORMULA	NMR or mass
1408	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[3-(2-furyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1409		
1410	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(2-furyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

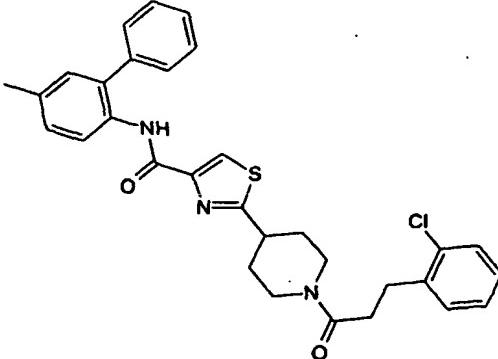
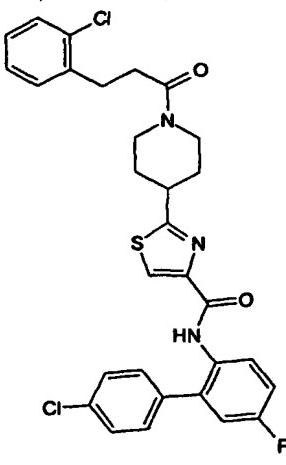
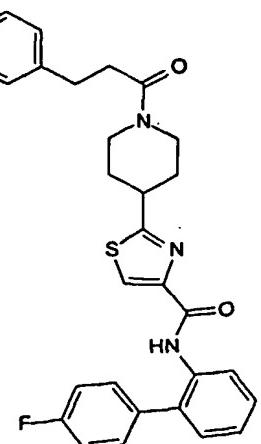
- 515 -

No.	FORMULA	NMR or mass
1411	 <p>N-(4'-ethylbiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1412	 <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1413	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
1414	 <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1415	 <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1416		

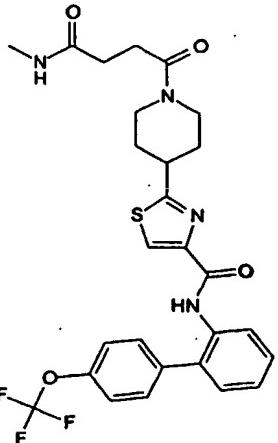
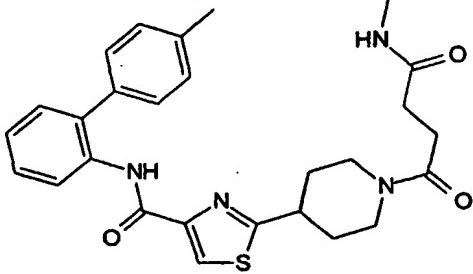
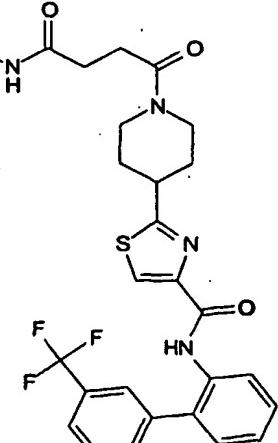
- 517 -

No.	FORMULA	NMR or mass
1417	 <p>2-{1-[3-(2-chlorophenyl)propanoyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1418	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(2-chlorophenyl)propanoyl]-piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1419		

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No.	FORMULA	NMR or mass
1420	<p>2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1421	<p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(4-chlorophenyl)propanoyl]-piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

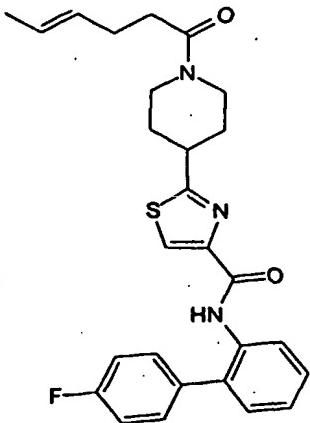
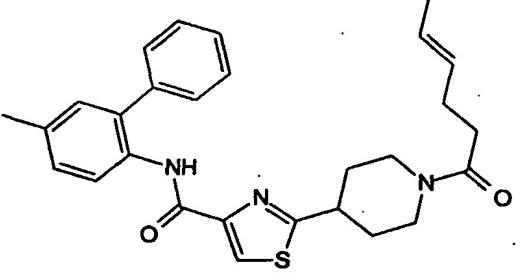
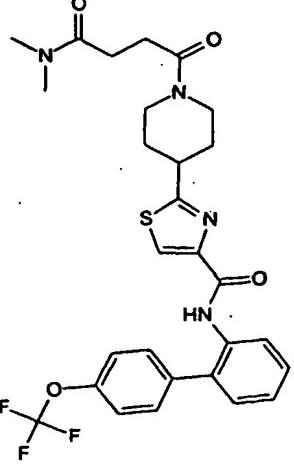
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No.	FORMULA	NMR or mass
1422	 <p>2-{1-[4-(methylamino)-4-oxobutanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1423		
1424	 <p>2-{1-[4-(methylamino)-4-oxobutanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

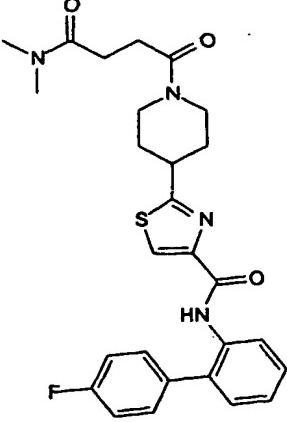
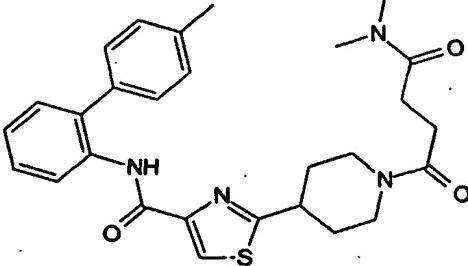
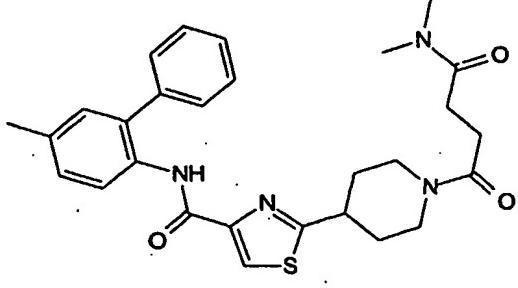
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No.	FORMULA	NMR or mass
1425	<p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[4-(methylamino)-4-oxobutanoyl]-piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1426	<p>2-{1-[(ethylthio)acetyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

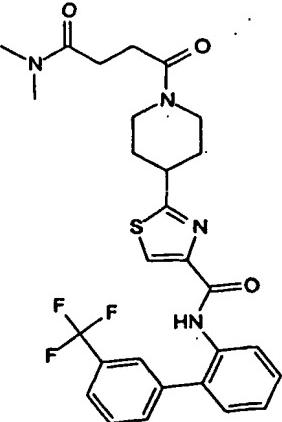
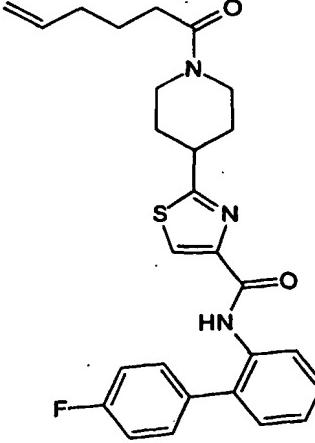
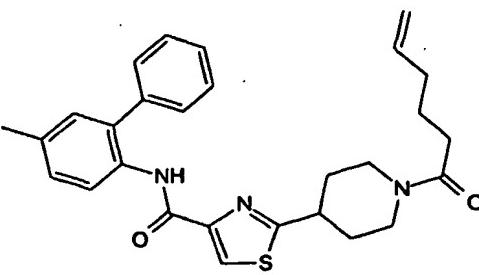
- 521 -

No.	FORMULA	NMR or mass
1427	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(4E)-hex-4-enoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1428		
1429	 <p>2-{1-[4-(dimethylamino)-4-oxobutanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

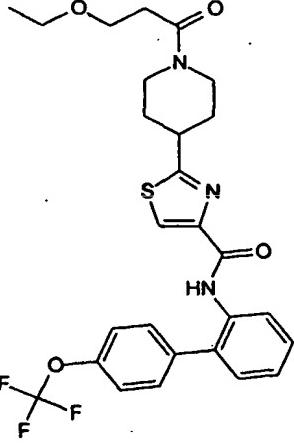
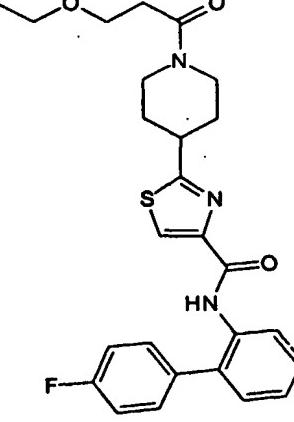
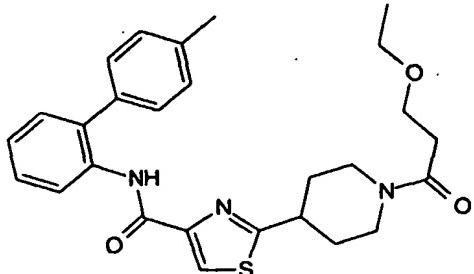
- 522 -

No.	FORMULA	NMR or mass
1430	 <p>2-{1-[4-(dimethylamino)-4-oxobutanoyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1431		
1432		

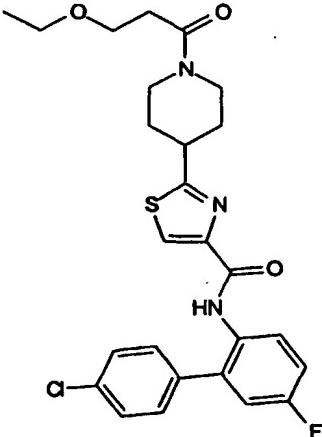
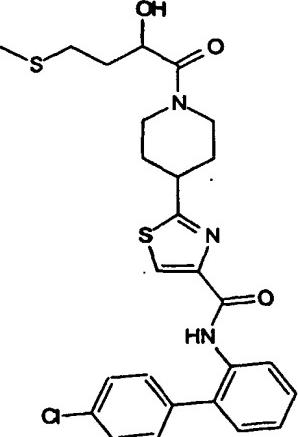
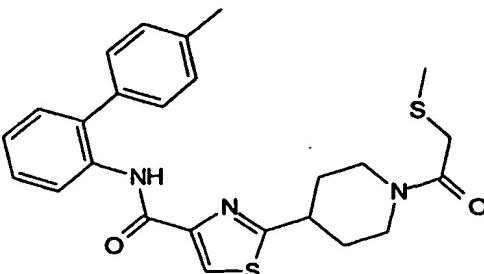
- 523 -

No.	FORMULA	NMR or mass
1433	 <p>2-{1-[4-(dimethylamino)-4-oxobutanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1434	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-hex-5-enylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1435		

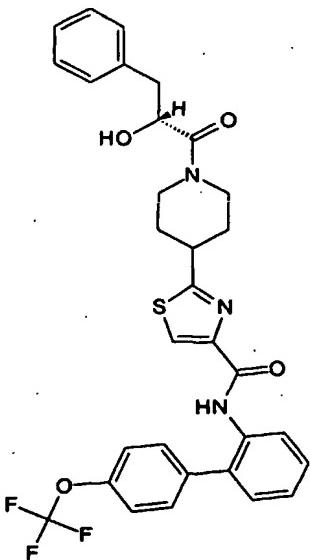
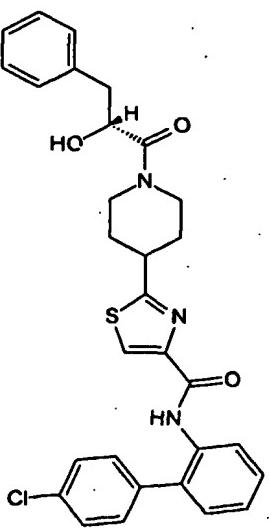
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No.	FORMULA	NMR or mass
1436	 <p>2-[1-(3-ethoxypropanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1437	 <p>2-[1-(3-ethoxypropanoyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1438		

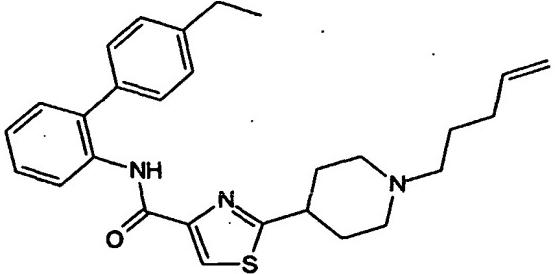
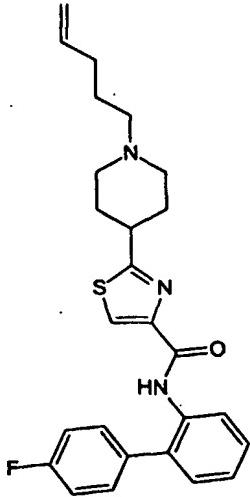
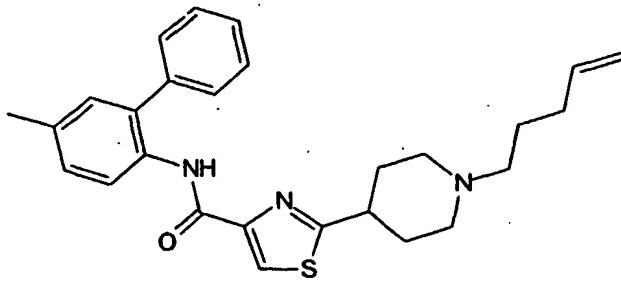
-525-

No.	FORMULA	NMR or mass
1439	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3-ethoxypropanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1440	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[2-hydroxy-4-(methylthio)butanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1441		

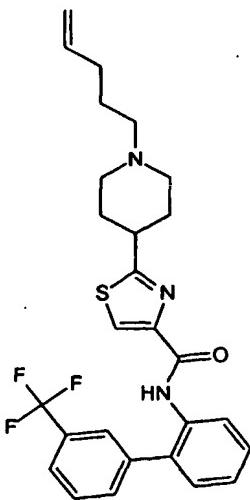
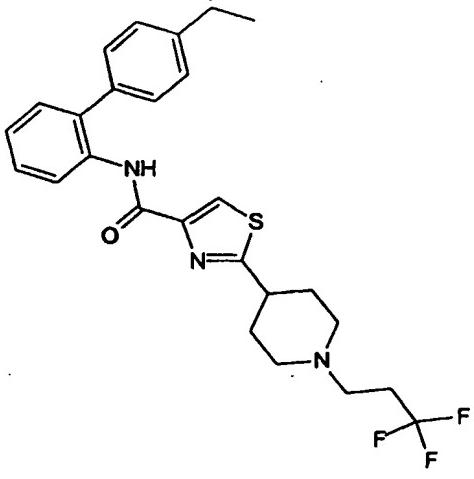
- 526 -

No.	FORMULA	NMR or mass
1442	 <p>2-{1-[(2R)-2-hydroxy-3-phenylpropanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1443	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2R)-2-hydroxy-3-phenylpropanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
1444		
1445	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-pent-4-en-1-ylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1446		

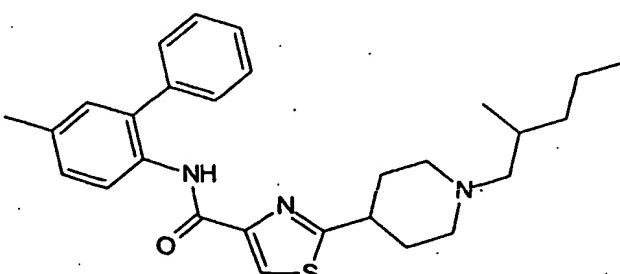
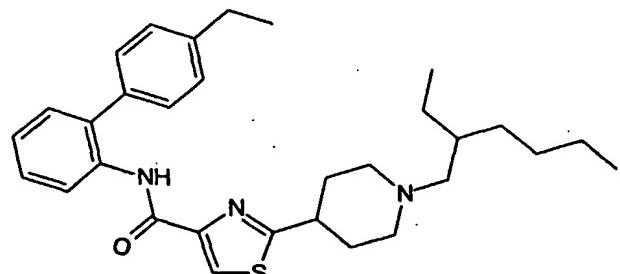
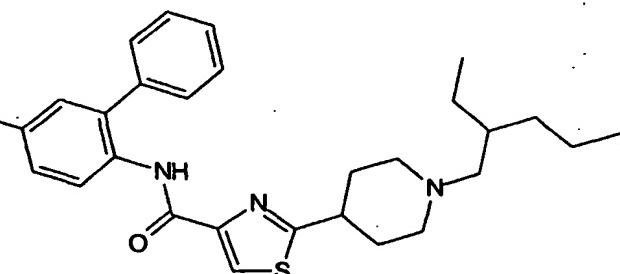
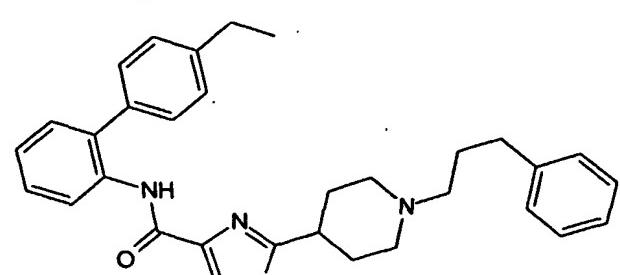
- 528 -

No.	FORMULA	NMR or mass
1447	 <p>2-(1-pent-4-en-1-yl)piperidin-4-yl-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide.</p>	
1448	 <p>N-(4'-ethylbiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
1449	<p>N-(4'-methylbiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1450	<p>N-[3'-(trifluoromethyl)biphenyl-2-yl]-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1451	<p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(2-methylpentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
1452		
1453		
1454		
1455		

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No.	FORMULA	NMR or mass
1456		
1457	<p>2-[1-(3-phenylpropyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1458	<p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(3-phenylpropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

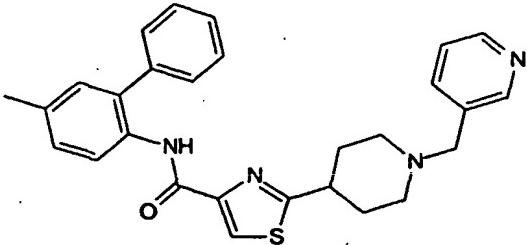
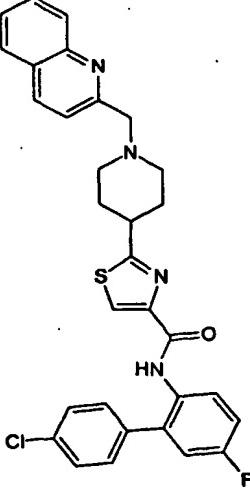
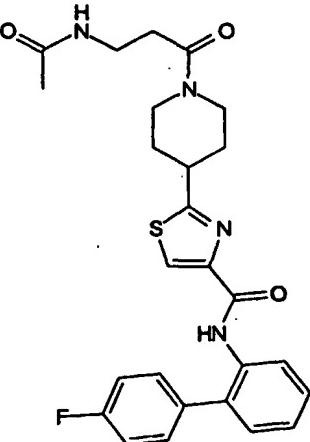
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No.	FORMULA	NMR or mass
1459	<p>methyl 6-{4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}hexanoate</p>	
1460	<p>methyl 6-{4-[4-({(4'-fluorobiphenyl-2-yl)amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}hexanoate</p>	
1461		

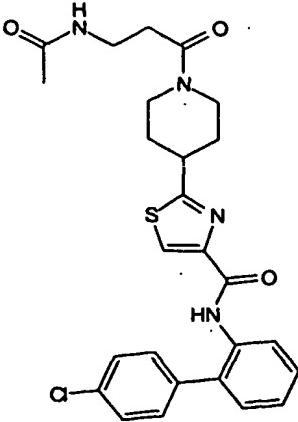
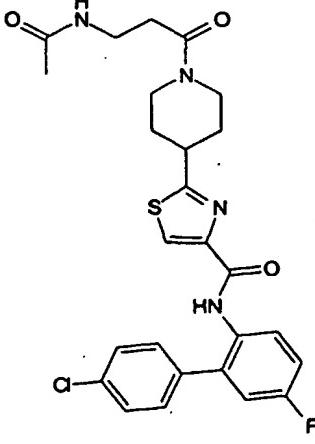
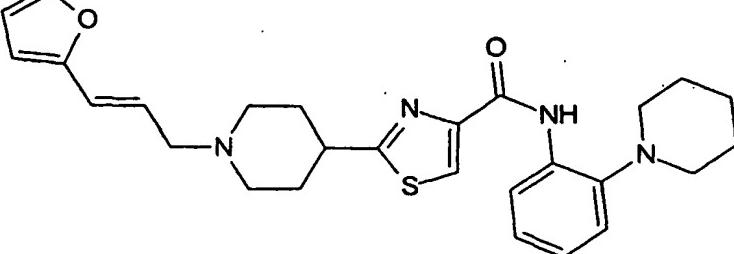
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No.	FORMULA	NMR or mass
1462	<p>methyl 6-{4-[4-((3'-(trifluoromethyl)biphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl}piperidin-1-yl}hexanoate</p>	
1463	<p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2Z)-3-pyridin-4-ylprop-2-en-1-yl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1464		

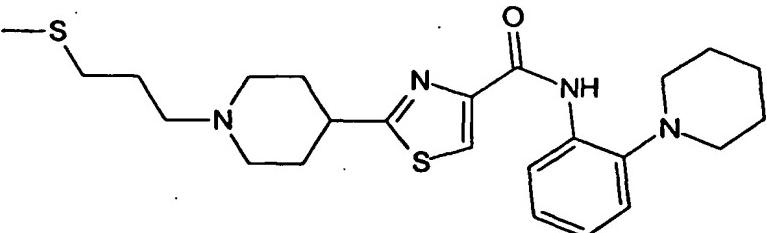
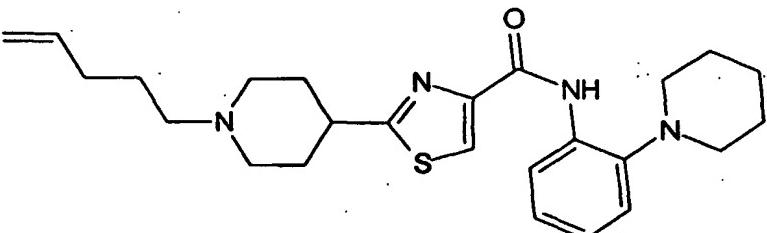
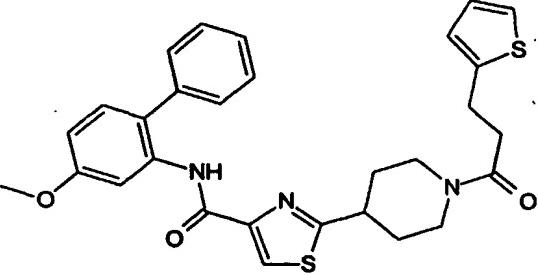
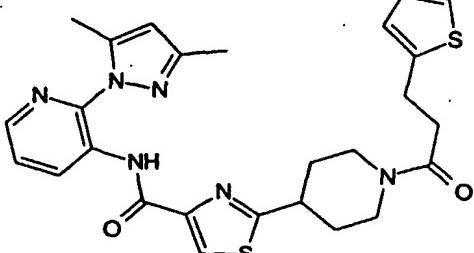
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No.	FORMULA	NMR or mass
1465		
1466	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(quinolin-2-ylmethyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1467	 <p>2-[1-(N-acetyl-beta-alanyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

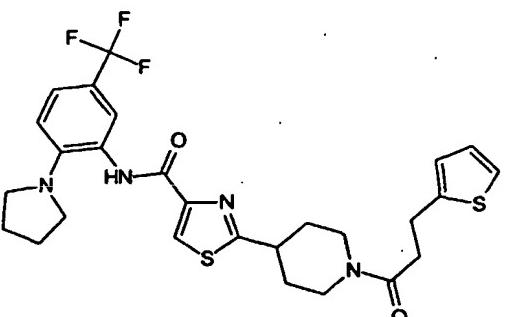
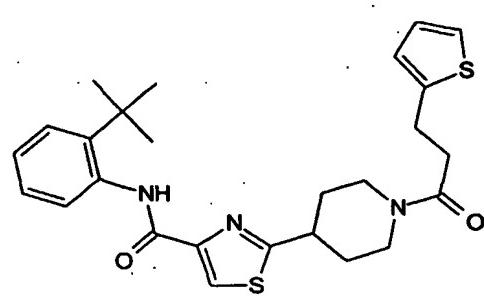
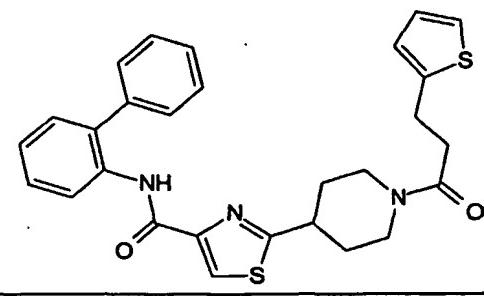
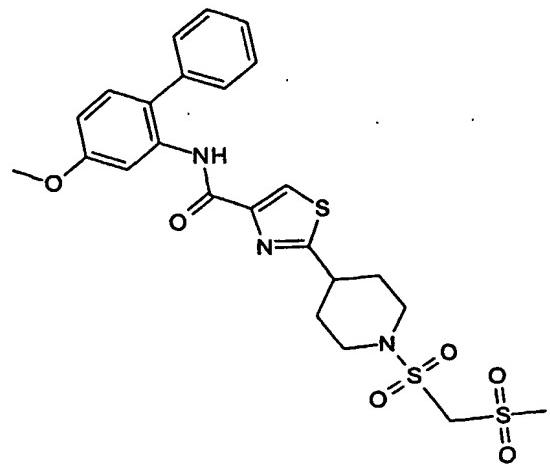
- 535 -

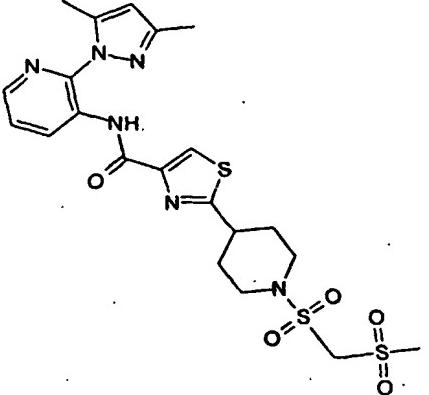
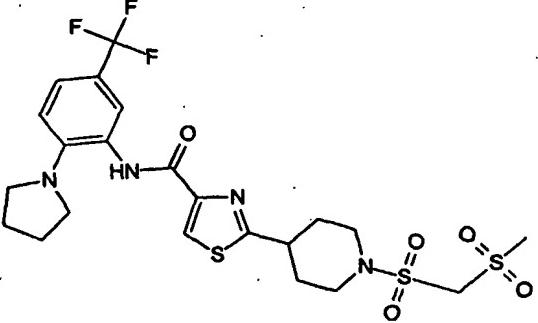
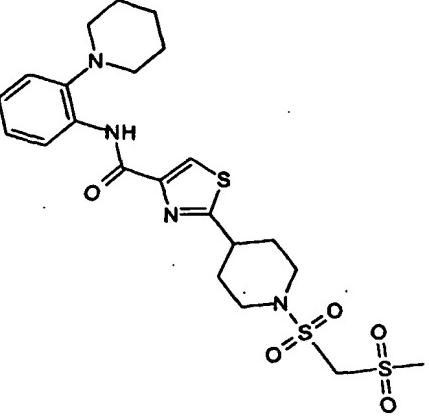
No.	FORMULA	NMR or mass
1468	 <p>2-[1-(N-acetyl-beta-alanyl)piperidin-4-yl]-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1469	 <p>2-[1-(N-acetyl-beta-alanyl)piperidin-4-yl]-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1470		

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No.	FORMULA	NMR or mass
1471	 <p>Chemical structure 1471: A piperazine ring substituted at the 4-position with a 2-thienylmethyl group (-S-CH<sub>2</sub>-CH<sub>2</sub>-C<sub>6</sub>H<sub>4</sub>-S) and at the 1-position with a 4-(1-methylpiperazin-4-yl)methyl group (-CH<sub>2</sub>-C<sub>6</sub>H<sub>4</sub>-NH-C<sub>5</sub>H<sub>11</sub>).</p>	
1472	 <p>Chemical structure 1472: A piperazine ring substituted at the 4-position with a 2-thienylmethyl group (-S-CH<sub>2</sub>-CH<sub>2</sub>-C<sub>6</sub>H<sub>4</sub>-S) and at the 1-position with a 4-(1-methylpiperazin-4-yl)but-1-enyl group (-CH<sub>2</sub>-CH=CH-CH<sub>2</sub>-C<sub>6</sub>H<sub>4</sub>-NH-C<sub>5</sub>H<sub>11</sub>).</p>	
1473	 <p>Chemical structure 1473: A complex heterocyclic compound featuring a 2-methoxyphenyl group attached to a thienothiophene ring, which is further substituted with a 2-thienylmethyl group and a cyclohexane ring substituted with a carbamoyl group (-NHC(=O)CH<sub>2</sub>-).</p>	
1474	 <p>Chemical structure 1474: A complex heterocyclic compound featuring a 2-methoxyphenyl group attached to a thienothiophene ring, which is further substituted with a 2-thienylmethyl group and a cyclohexane ring substituted with a carbamoyl group (-NHC(=O)CH<sub>2</sub>-).</p>	

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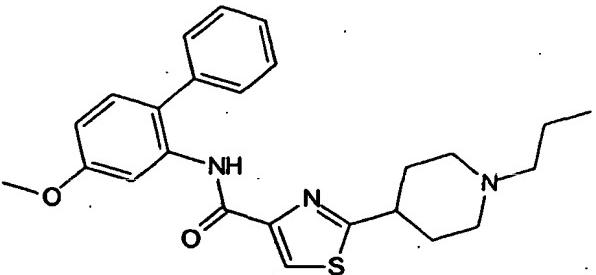
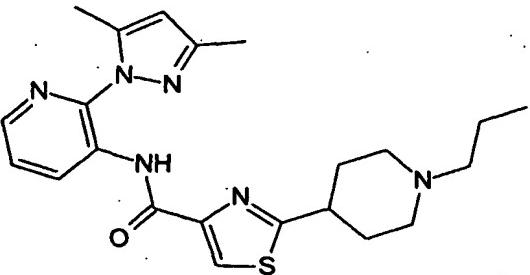
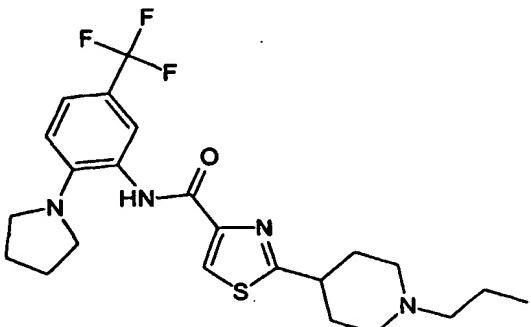
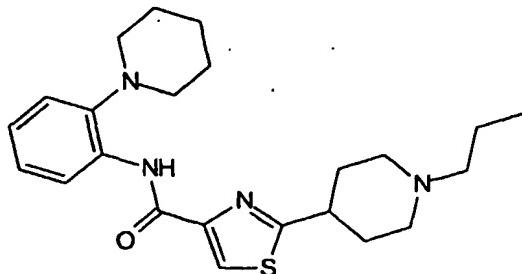
No.	FORMULA	NMR or mass
1475		
1476		
1477		
1478		

No.	FORMULA	NMR or mass
1479	 <p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-(1-[(methylsulfonyl)methylsulfonyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1480		
1481	 <p>2-(1-[(methylsulfonyl)methylsulfonyl]piperidin-4-yl)-N-(2-piperidin-1-yl-phenyl)-1,3-thiazole-4-carboxamide</p>	

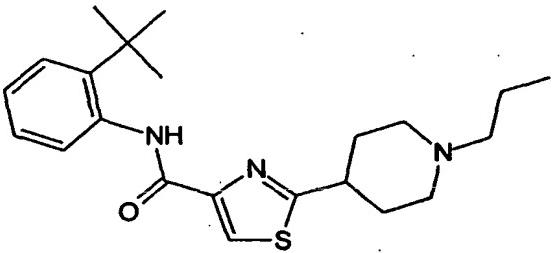
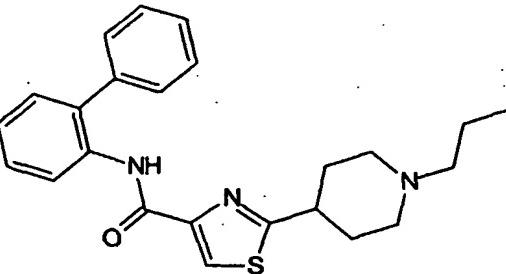
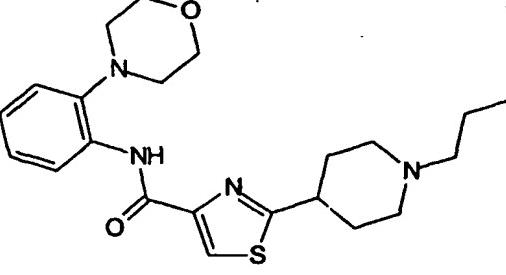
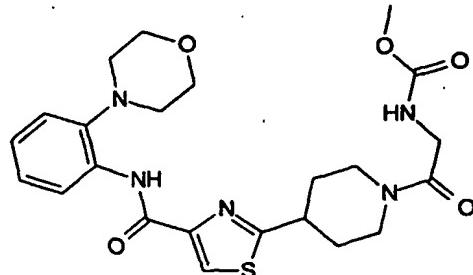
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No.	FORMULA	NMR or mass
1482	<p>N-(2-tert-butylphenyl)-2-(1-(((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1483	<p>N-biphenyl-2-yl-2-(1-(((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1484	<p>2-(1-(((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-N-(2-morpholin-4-yl-phenyl)-1,3-thiazole-4-carboxamide</p>	

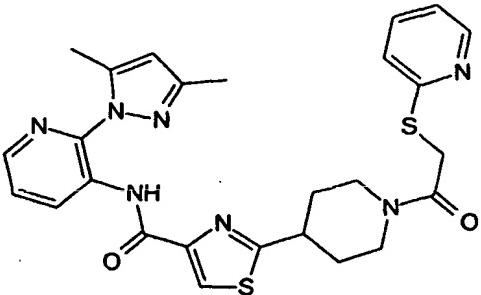
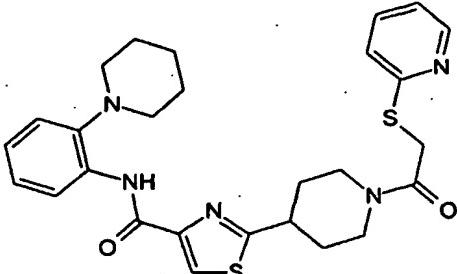
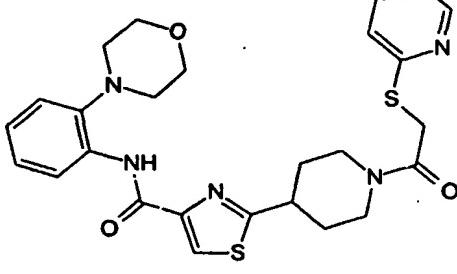
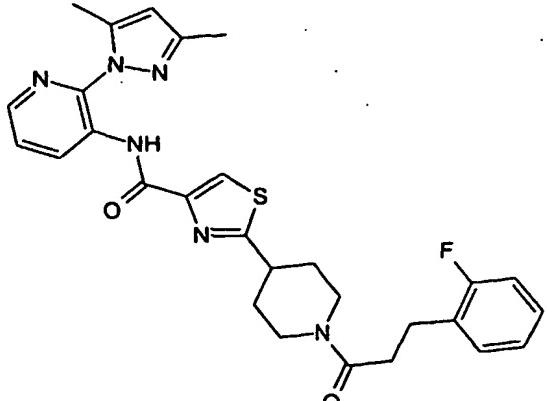
- 540 -

No.	FORMULA	NMR or mass
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1486		
1487		
1488		

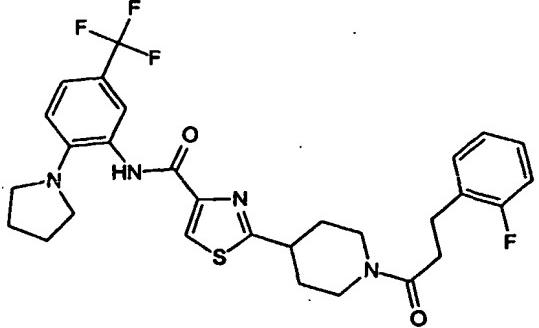
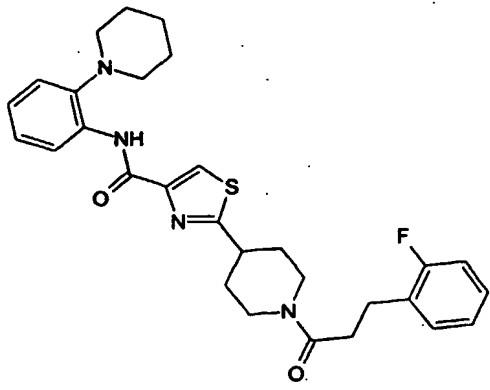
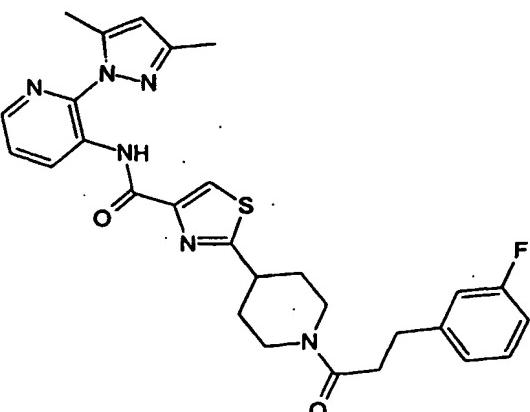
- 541 -

No.	FORMULA	NMR or mass
1489		
1490		
1491		
1492		

- 542 -

No.	FORMULA	NMR or mass
1493		
1494		
1495		
1496		

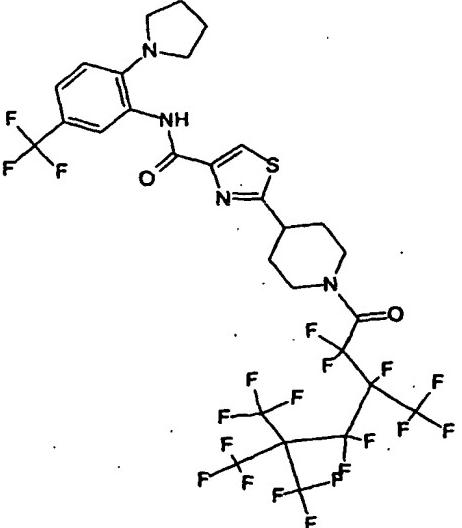
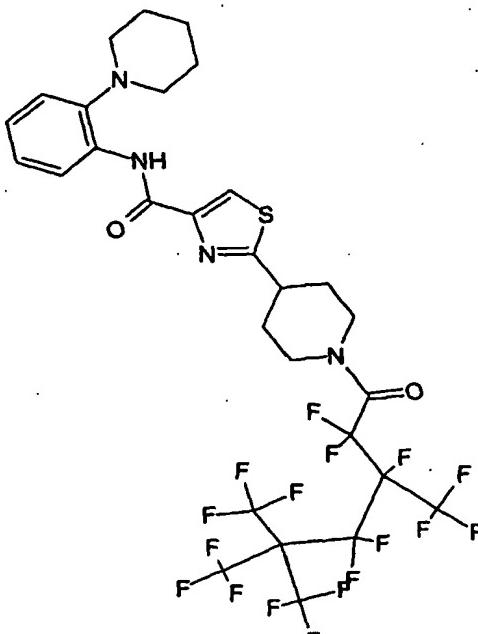
- 543 -

No.	FORMULA	NMR or mass
1497		
1498	 2-{1-[3-(2-fluorophenyl)propanoyl]piperidin-4-yl}-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide	
1499	 N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-{1-[3-(3-fluorophenyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide	

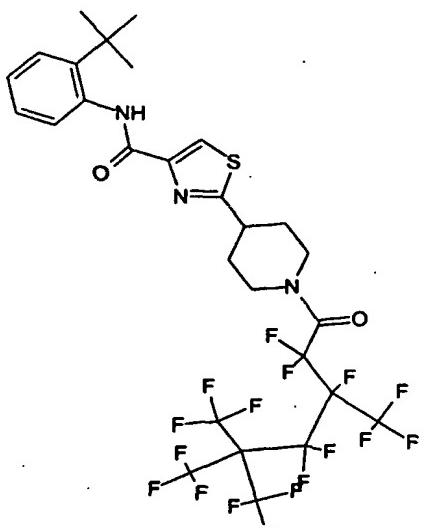
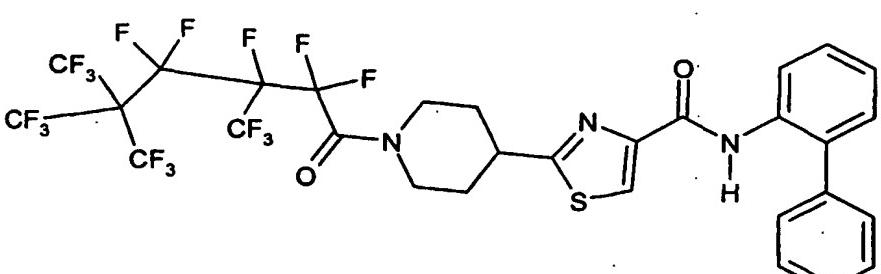
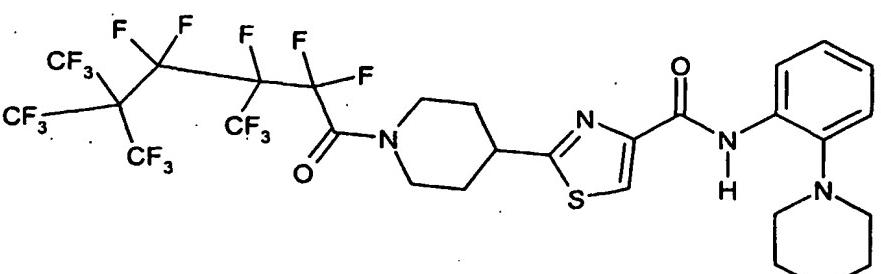
- 544 -

No.	FORMULA	NMR or mass
1500		
1501	<p>N-(4-methoxybiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1502	<p>N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

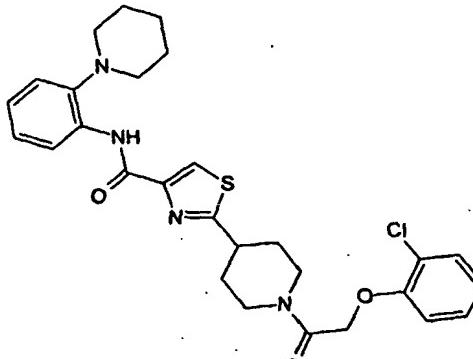
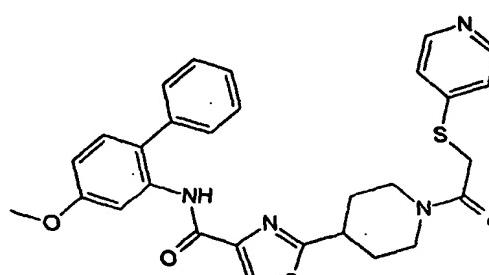
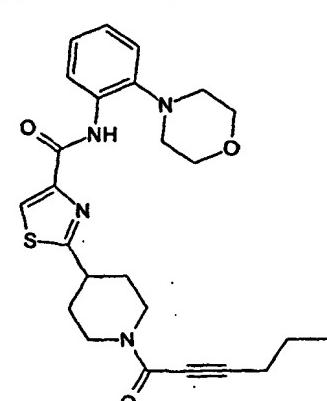
- 545 -

No.	FORMULA	NMR or mass
1503	 <p>2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
1504		

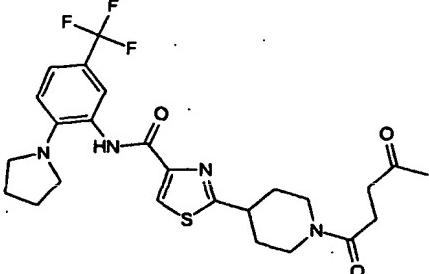
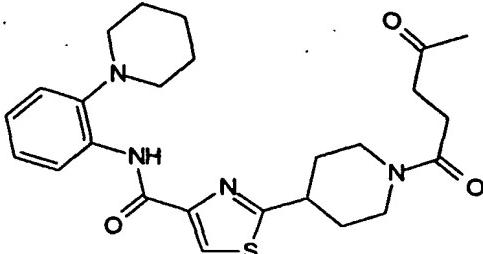
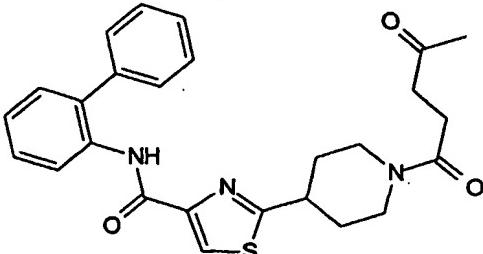
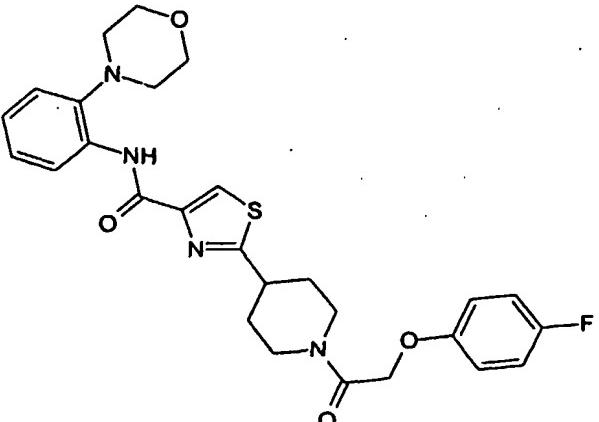
- 546 -

No.	FORMULA	NMR or mass
1505	 <p>N-(2-tert-butylphenyl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1506		
1507		

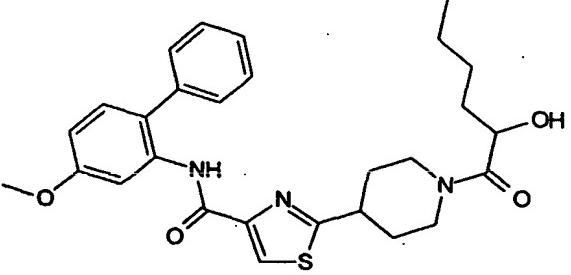
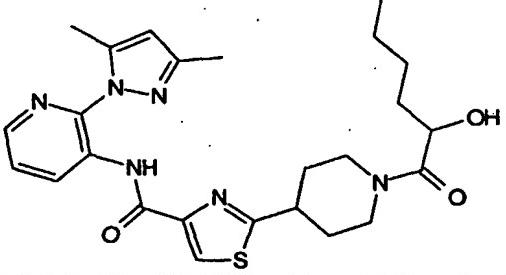
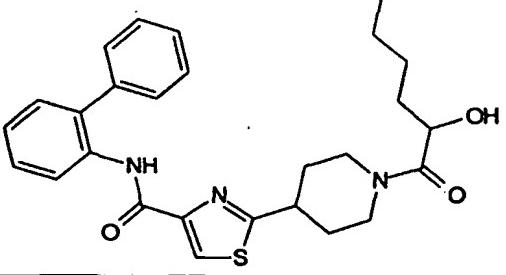
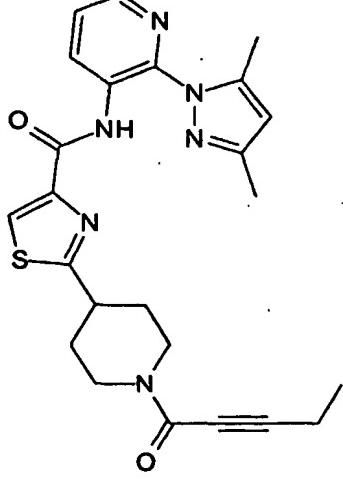
- 547 -

No.	FORMULA	NMR or mass
1508	 <p>2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
1509	 <p>N-(4-methoxybiphenyl-2-yl)-2-{1-[(pyridin-4-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1510	 <p>2-(1-hex-2-ynoylpiperidin-4-yl)-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide</p>	

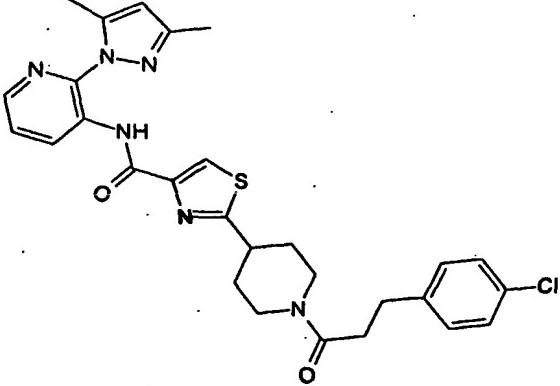
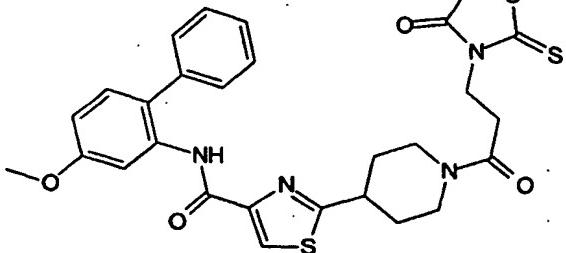
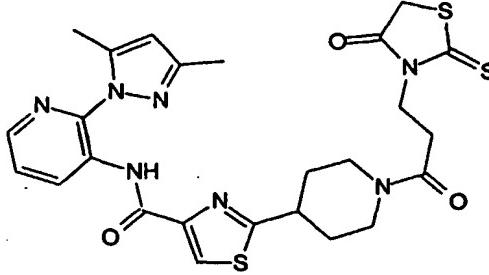
- 548 -

No.	FORMULA	NMR or mass
1511	 <p>2-[1-(4-oxopentanoyl)piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]-1,3-thiazole-4-carboxamide</p>	
1512		
1513		
1514		

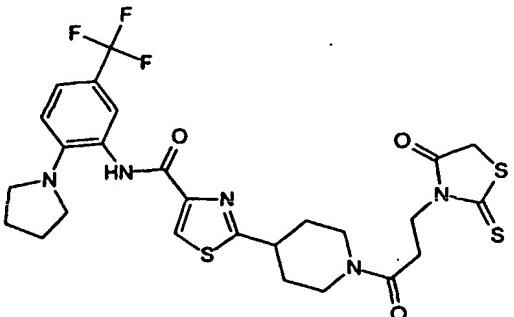
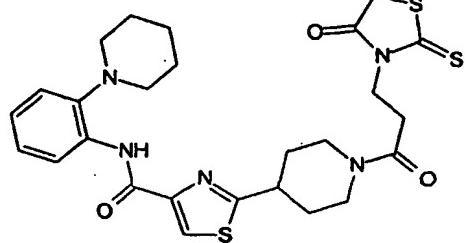
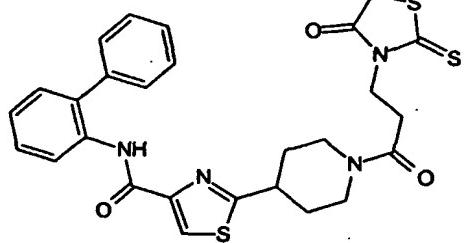
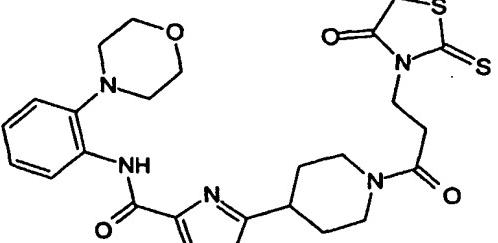
- 549 -

No.	FORMULA	NMR or mass
1515		
1516		
1517		
1518		

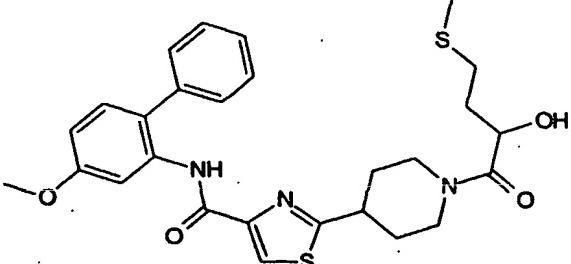
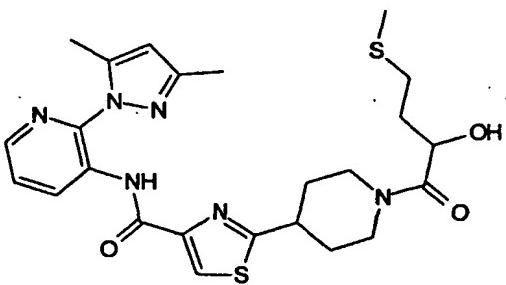
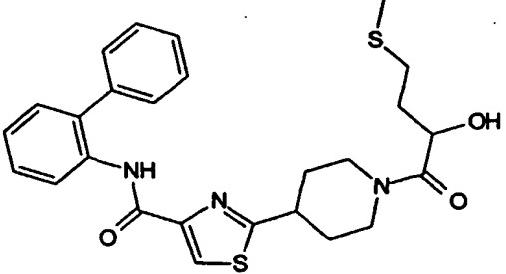
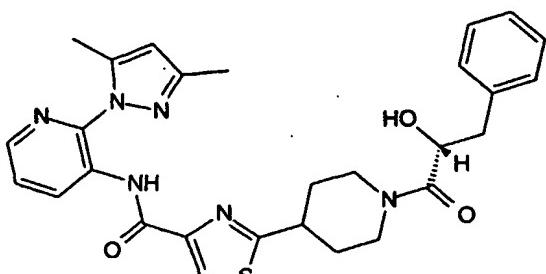
- 550 -

No.	FORMULA	NMR or mass
1519	 <p>2-(1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl)-N-[2-(3,5-dimethyl-1H-pyrazol-1-yl)pyridin-3-yl]-1,3-thiazole-4-carboxamide</p>	
1520		
1521		

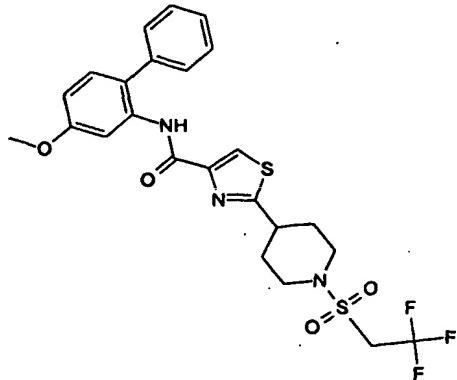
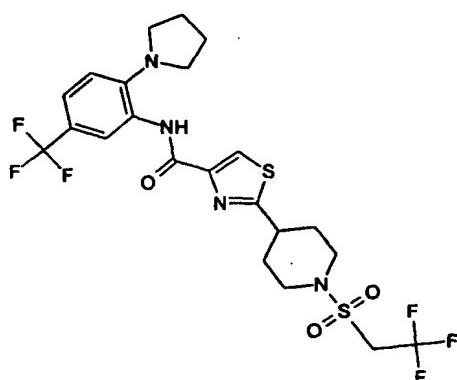
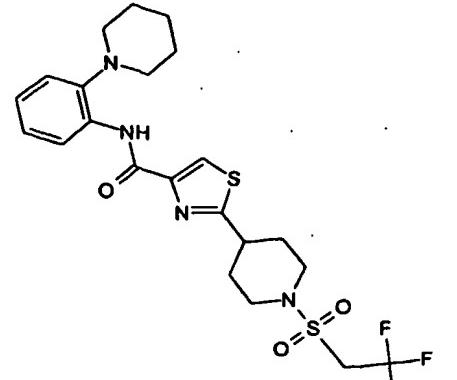
- 551 -

No.	FORMULA	NMR or mass
1522	 <p>2-{1-[3-(4-oxo-2-thioxo-1,3-thiazolidin-3-yl)propanoyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
1523		
1524		
1525		

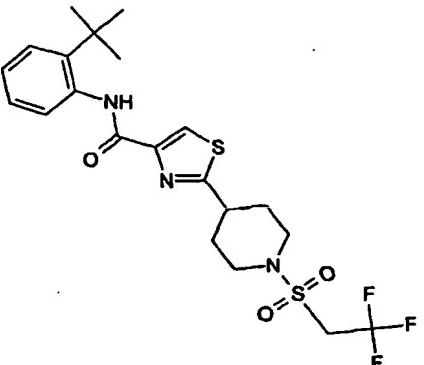
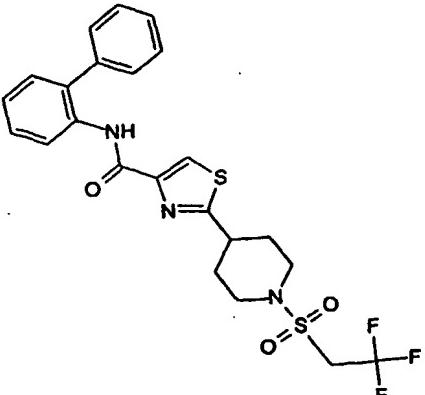
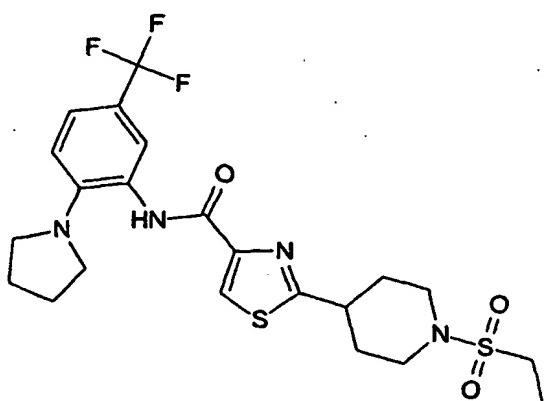
-- 552 --

No.	FORMULA	NMR or mass
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1527		
1528		
1529		

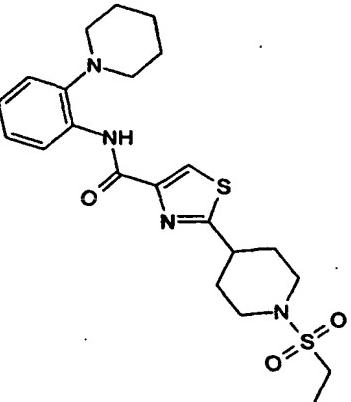
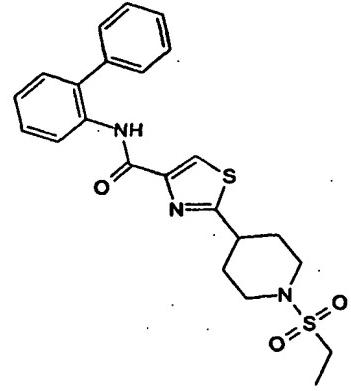
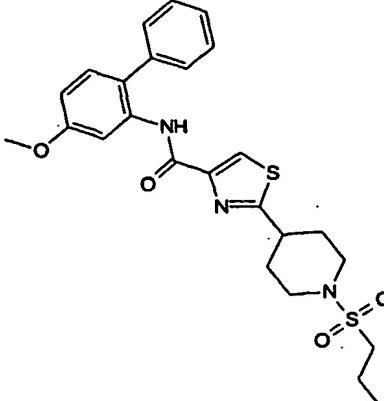
- 553 -

No.	FORMULA	NMR or mass
1530	 <p>N-(4-methoxybiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1531	 <p>N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1532	 <p>N-(2-piperidin-1-ylphenyl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

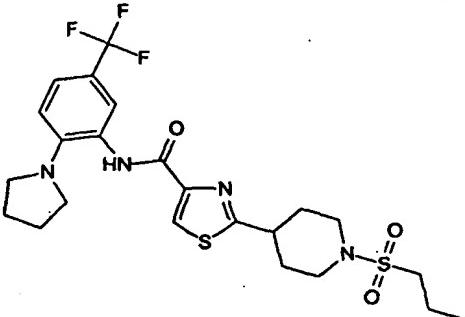
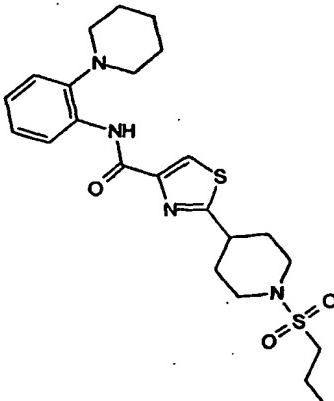
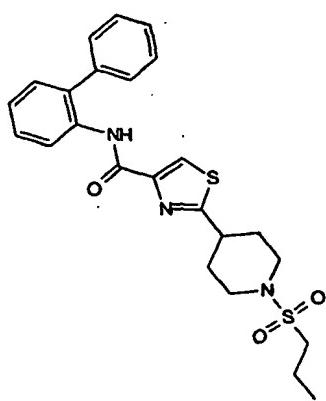
- 554 -

No.	FORMULA	NMR or mass
1533	 <p>N-(2-tert-butylphenyl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1534	 <p>N-biphenyl-2-yl-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1535		

- 555 -

No.	FORMULA	NMR or mass
1536	 <p>2-[1-(ethylsulfonyl)piperidin-4-yl]-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
1537	 <p>N-biphenyl-2-yl-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1538	 <p>N-(4-methoxybiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

- 556 -

No.	FORMULA	NMR or mass
1539	 <p>2-[1-(propylsulfonyl)piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]-1,3-thiazole-4-carboxamide</p>	
1540	 <p>N-(2-piperidin-1-ylphenyl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1541	 <p>N-biphenyl-2-yl-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

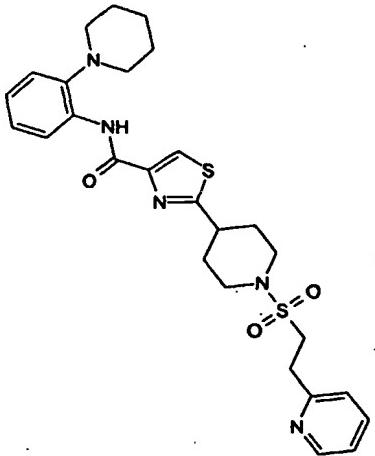
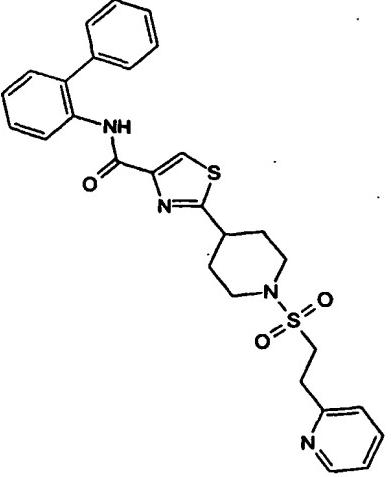
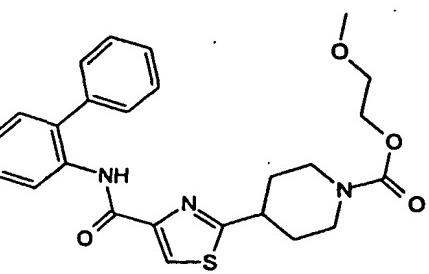
- 557 -

No.	FORMULA	NMR or mass
1542	<p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4-methoxybiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1543	<p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)-phenyl]-1,3-thiazole-4-carboxamide</p>	
1544	<p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(2-piperidin-1-ylphenyl)-1,3-thiazole-4-carboxamide</p>	

- 558 -

No.	FORMULA	NMR or mass
1545	<p>N-biphenyl-2-yl-2-[1-(butylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1546	<p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(2-morpholin-4-ylphenyl)-1,3-thiazole-4-carboxamide</p>	
1547	<p>2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	

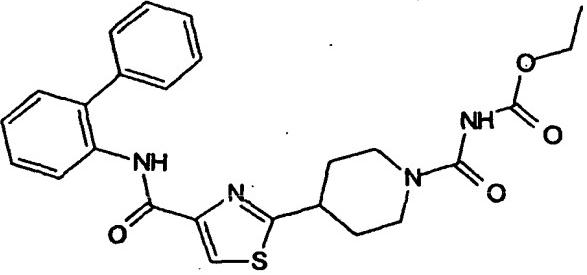
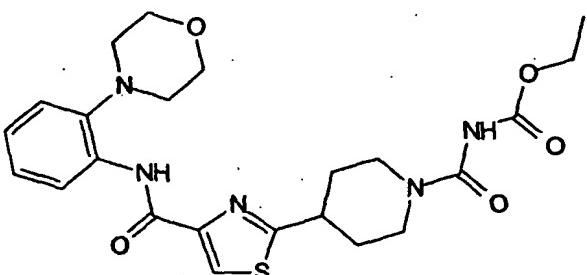
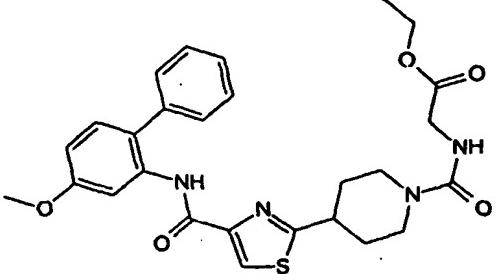
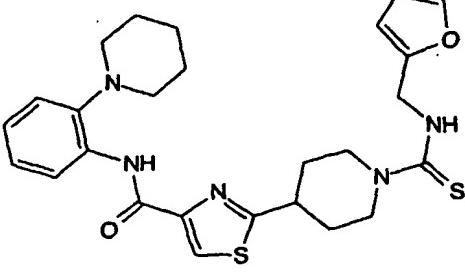
- 559 -

No.	FORMULA	NMR or mass
1548	 <p>N-(2-piperidin-1-ylphenyl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1549	 <p>N-biphenyl-2-yl-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1550		

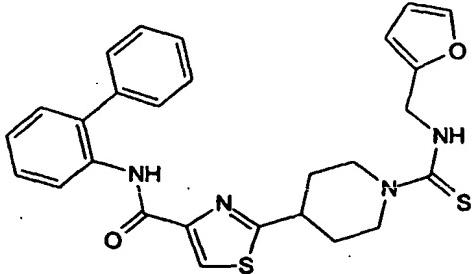
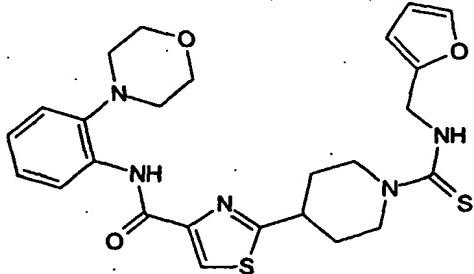
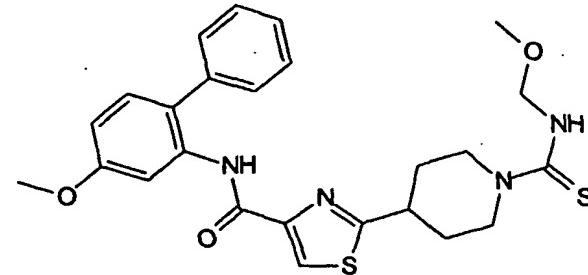
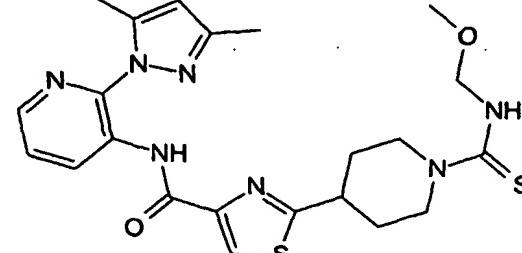
- 560 -

No.	FORMULA	NMR or mass
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1552		
1553		
1554		

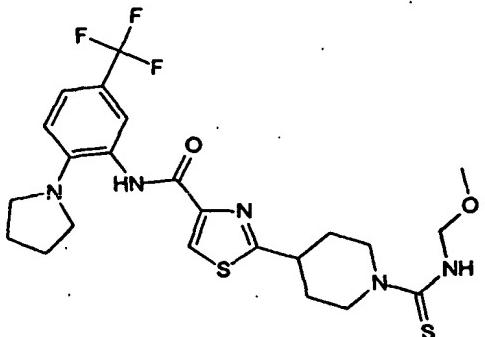
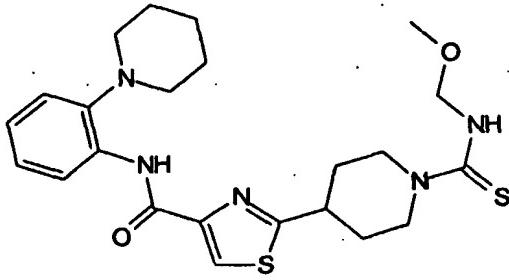
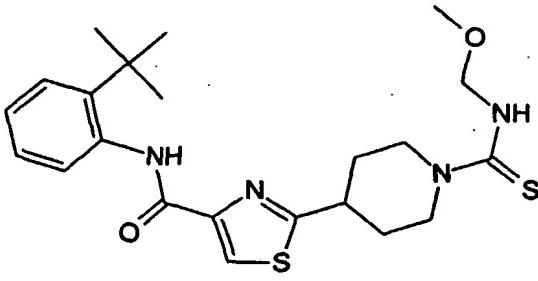
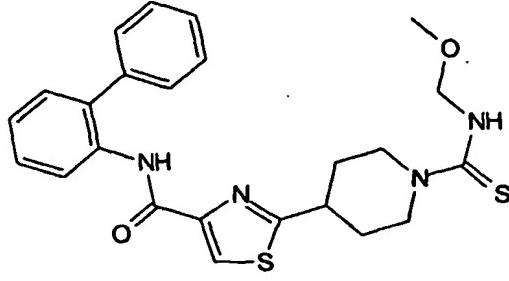
- 561 -

No.	FORMULA	NMR or mass
1555		
1556		
1557		
1558		

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No.	FORMULA	NMR or mass
1559		
1560		
1561		
1562		

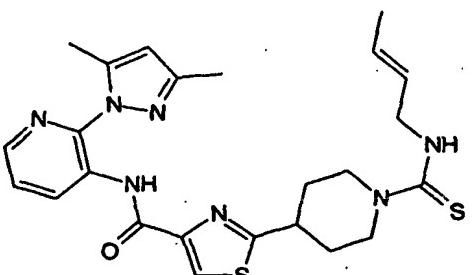
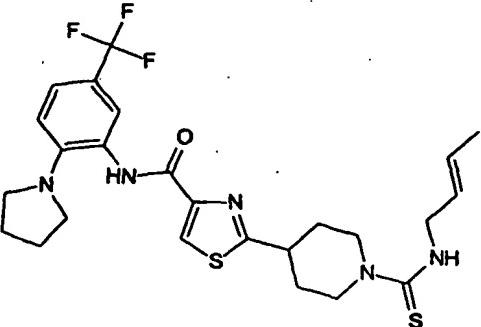
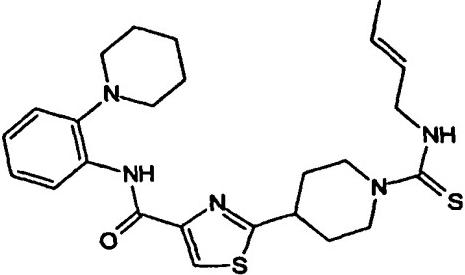
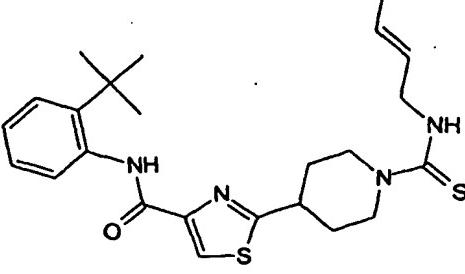
- 563 -

No.	FORMULA	NMR or mass
1563		
1564		
1565		
1566		

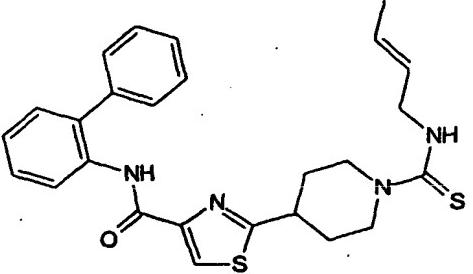
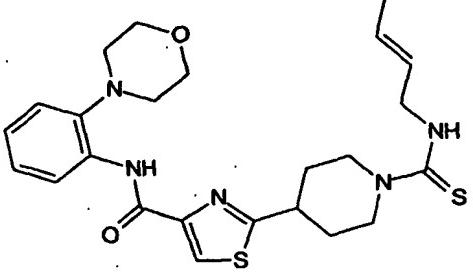
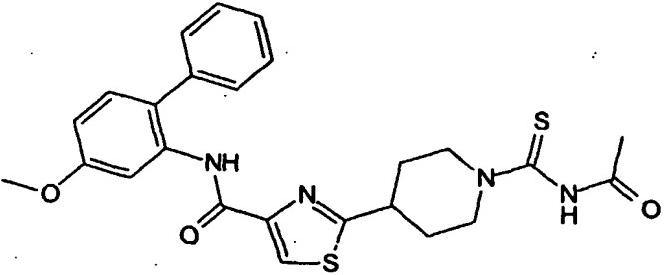
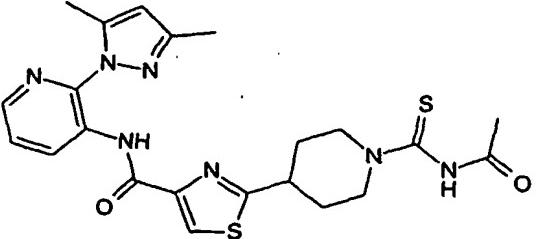
- 564 -

No.	FORMULA	NMR or mass
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1568		
1569		
1570		

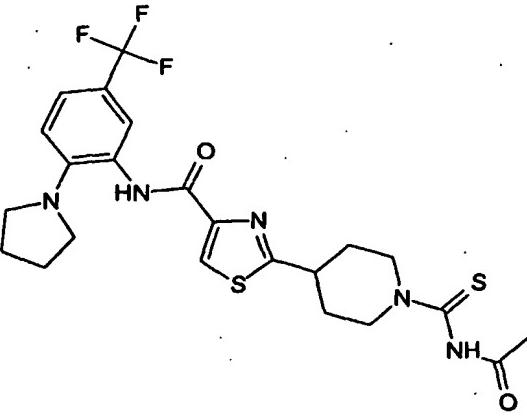
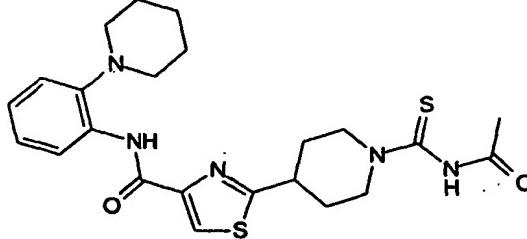
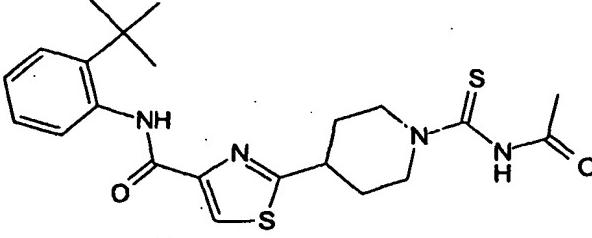
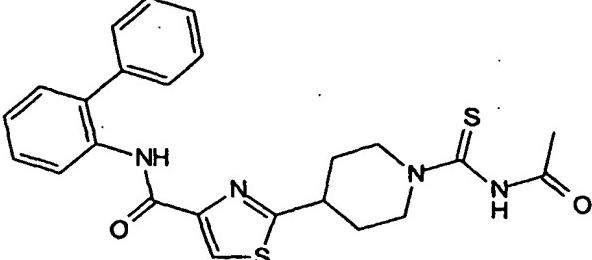
- 565 -

No.	FORMULA	NMR or mass
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1572		
1573		
1574		

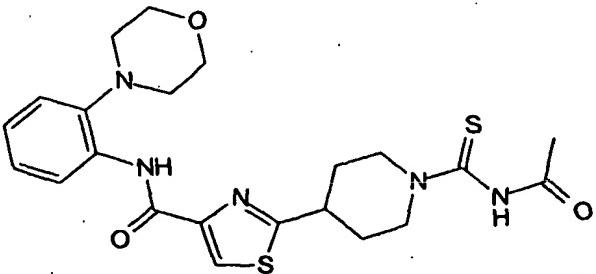
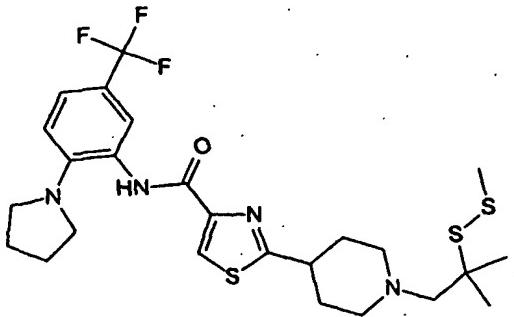
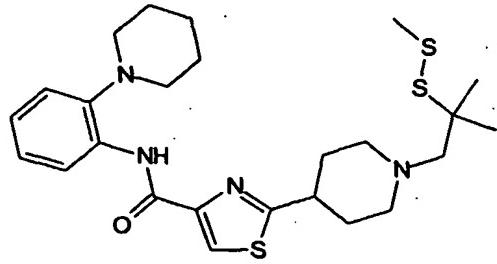
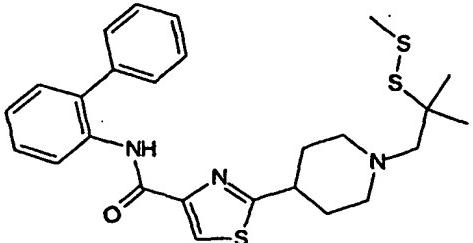
- 566 -

No.	FORMULA	NMR or mass
1575		
1576		
1577		
1578		

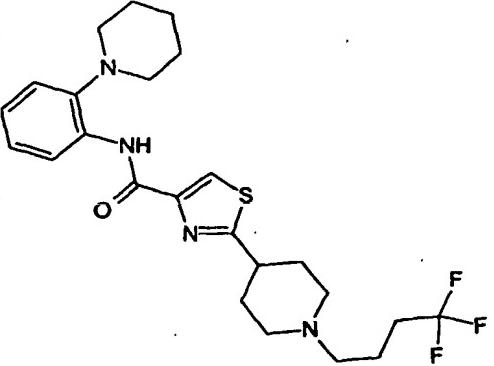
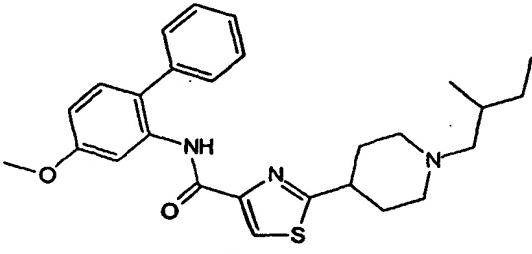
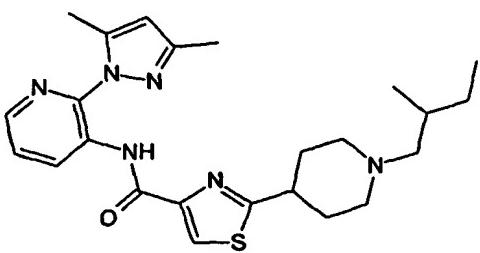
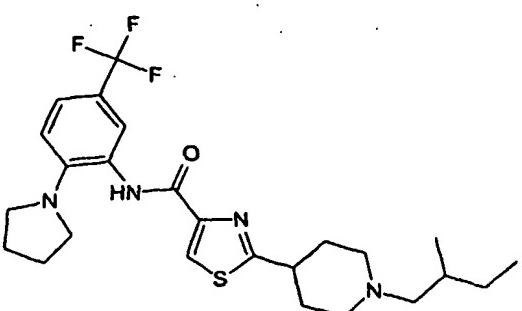
- 567 -

No.	FORMULA	NMR or mass
1579	 <p>2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
1580		
1581		
1582		

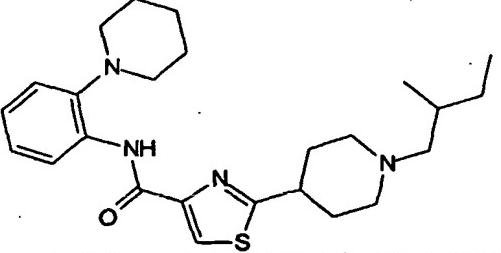
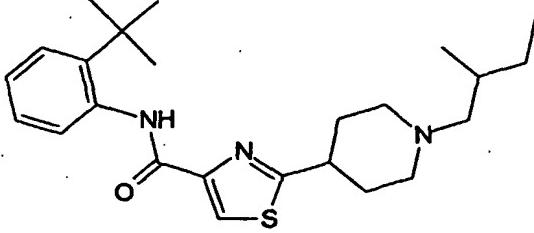
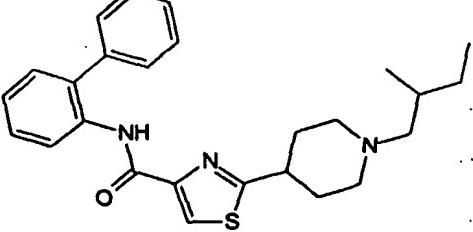
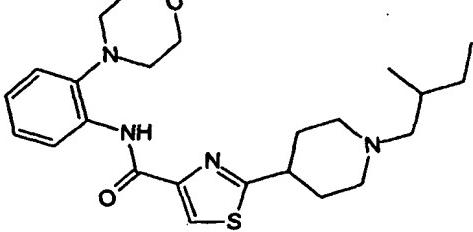
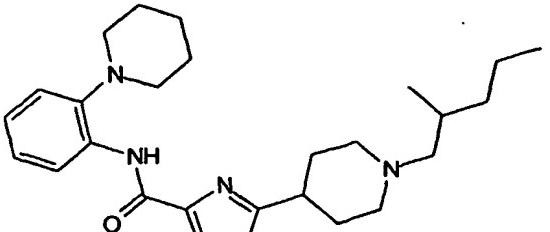
- 568 -

No.	FORMULA	NMR or mass
1583		
1584		
1585		
1586		

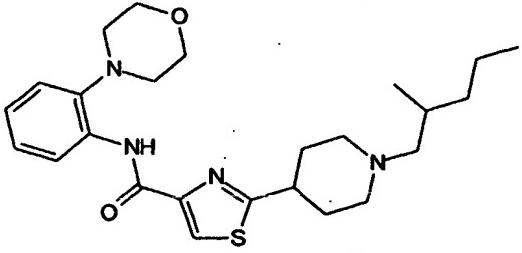
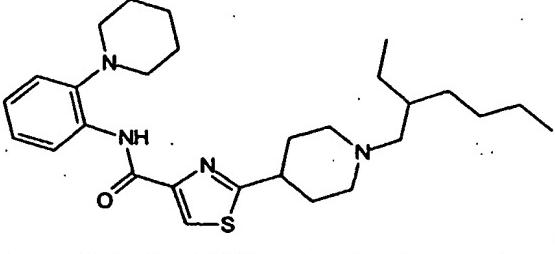
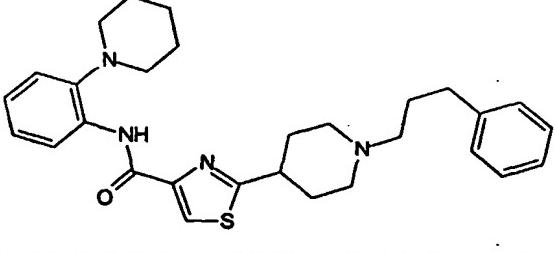
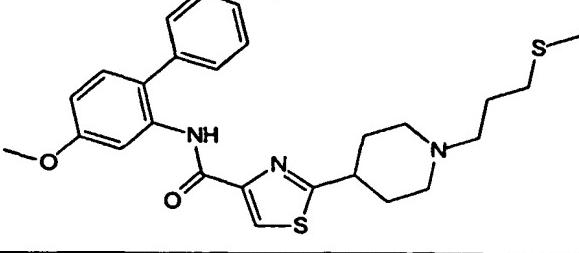
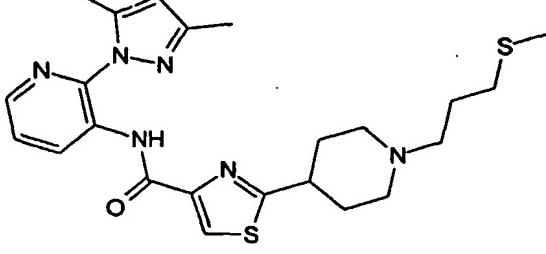
- 569 -

No.	FORMULA	NMR or mass
1587	 <p>N-(2-piperidin-1-ylphenyl)-2-[1-(4,4,4-trifluorobutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1588		
1589		
1590		

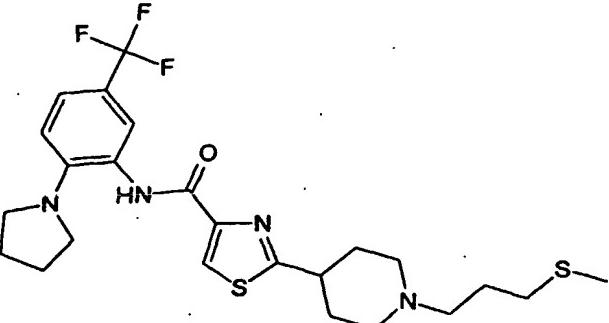
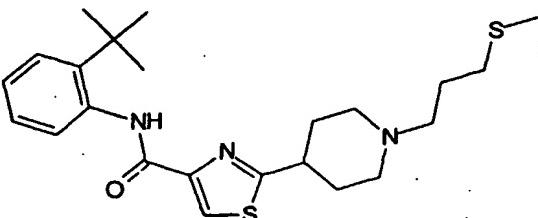
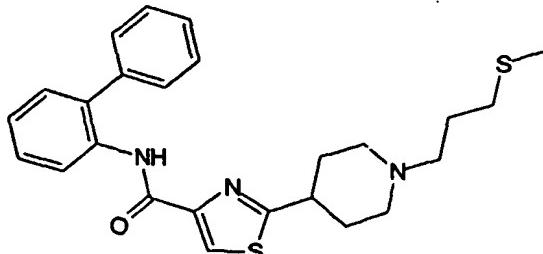
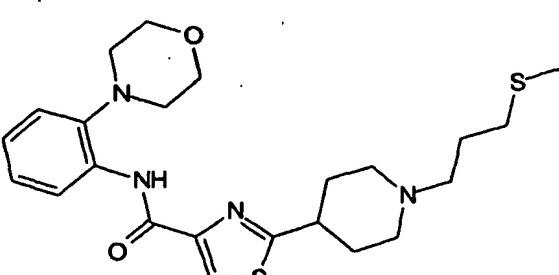
- 570 -

No.	FORMULA	NMR or mass
1591	 <p>Chemical structure 1591: A tryptamine derivative. It features a tryptamine core (indole-3-ylmethyl group) substituted with a 2-(2-methylpropyl) group at the 3-position.</p>	
1592	 <p>Chemical structure 1592: A tryptamine derivative. It features a tryptamine core (indole-3-ylmethyl group) substituted with a 2-(2,2-dimethylpropyl) group at the 3-position.</p>	
1593	 <p>Chemical structure 1593: A tryptamine derivative. It features a tryptamine core (indole-3-ylmethyl group) substituted with a 2-(2-methylbutyl) group at the 3-position.</p>	
1594	 <p>Chemical structure 1594: A tryptamine derivative. It features a tryptamine core (indole-3-ylmethyl group) substituted with a 2-hydroxyethyl group at the 3-position.</p>	
1595	 <p>Chemical structure 1595: A tryptamine derivative. It features a tryptamine core (indole-3-ylmethyl group) substituted with a 2-(2-methylbutyl) group at the 3-position.</p>	

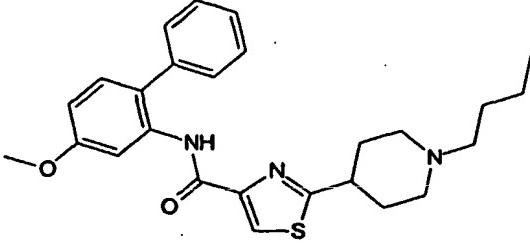
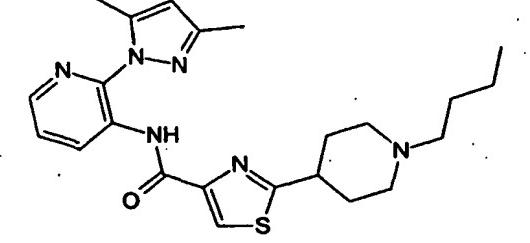
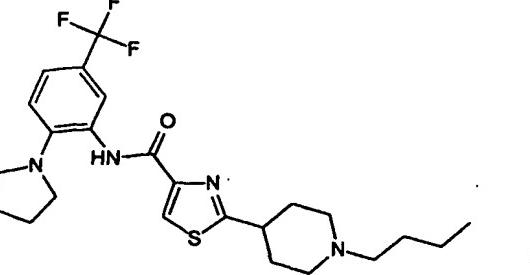
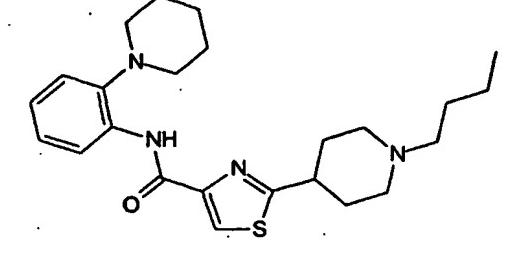
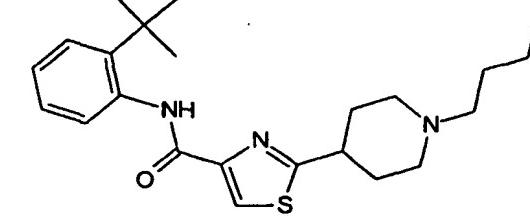
- 571 -

No.	FORMULA	NMR or mass
1596	 <p>Chemical structure 1596: A benzimidazole derivative substituted with a morpholine-4-carboalkyl group and a cyclohexylmethyl group.</p>	
1597	 <p>Chemical structure 1597: A benzimidazole derivative substituted with a piperazine-4-carboalkyl group and a cyclohexylmethyl group.</p>	
1598	 <p>Chemical structure 1598: A benzimidazole derivative substituted with a cyclohexylmethyl group and a phenyl group.</p>	
1599	 <p>Chemical structure 1599: A benzimidazole derivative substituted with a 4-methoxyphenyl group and a cyclohexylmethyl group.</p>	
1600	 <p>Chemical structure 1600: A benzimidazole derivative substituted with a 2-(dimethylamino)phenyl group and a cyclohexylmethyl group.</p>	

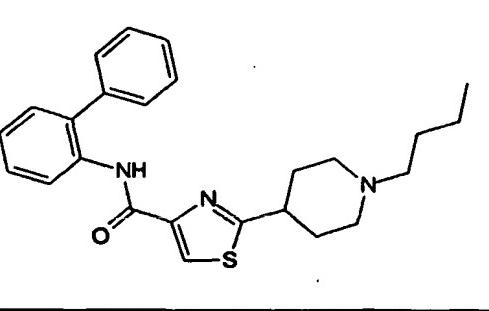
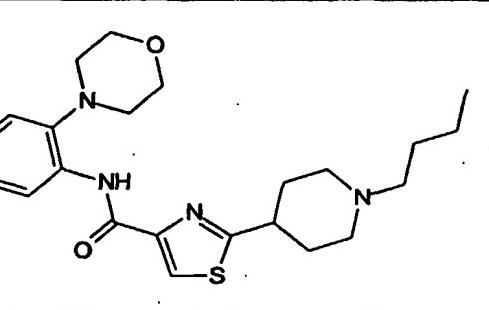
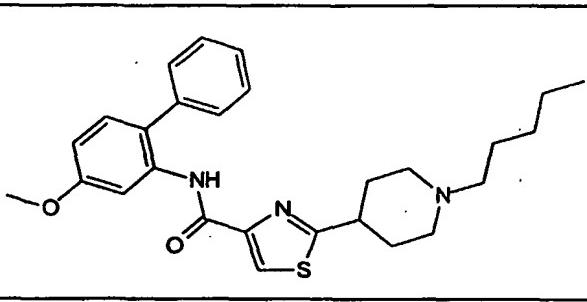
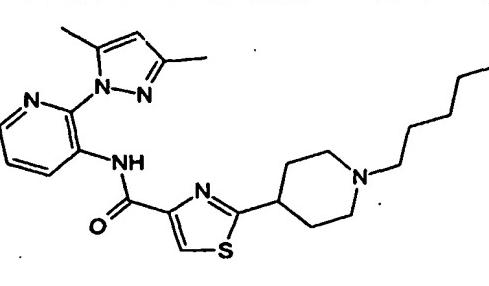
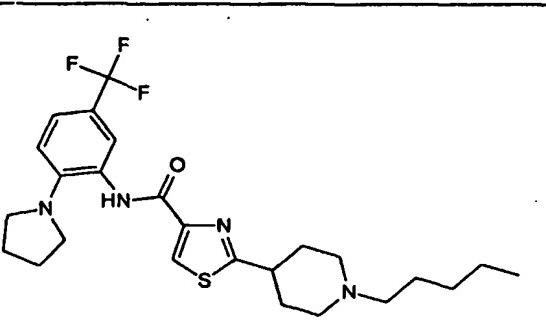
- 572 -

No.	FORMULA	NMR or mass
1601	 <p>2-{1-[3-(methylthio)propyl]piperidin-4-yl}-N-[2-pyrrolidin-1-yl-5-(trifluoromethyl)phenyl]-1,3-thiazole-4-carboxamide</p>	
1602		
1603		
1604		

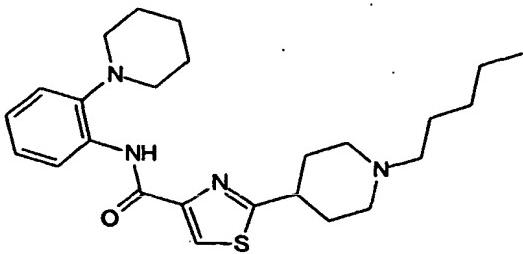
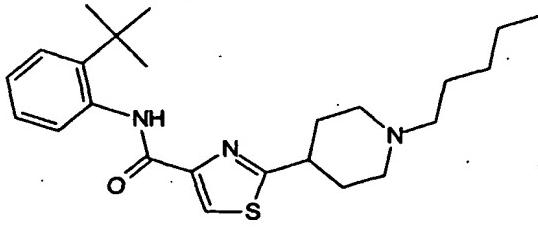
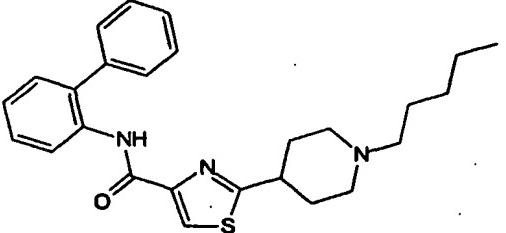
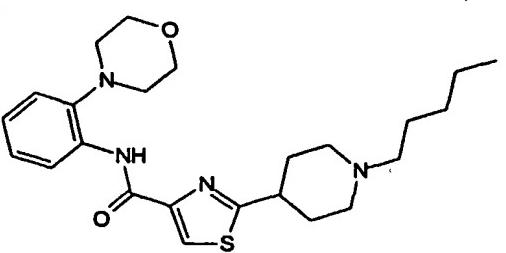
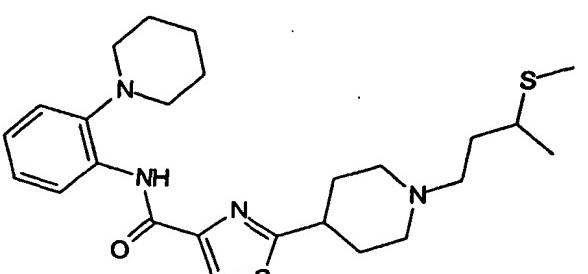
- 573 -

No.	FORMULA	NMR or mass
1605		
1606		
1607		
1608		
1609		

-574-

No.	FORMULA	NMR or mass
1610		
1611		
1612		
1613		
1614		

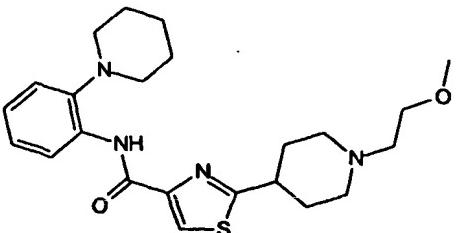
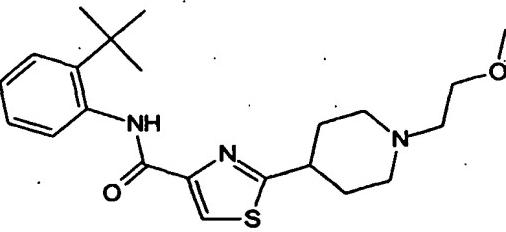
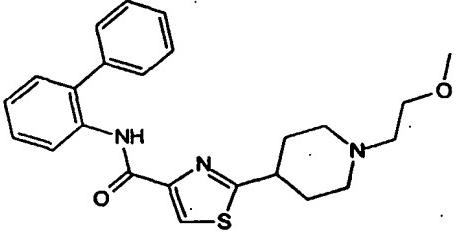
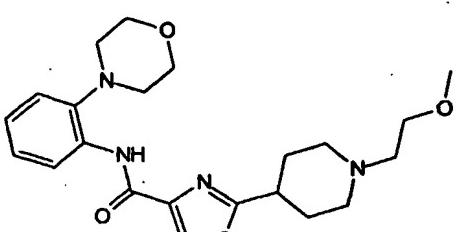
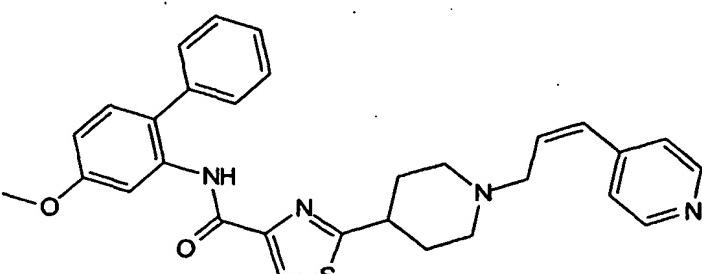
- 575 -

No.	FORMULA	NMR or mass
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1616		
1617		
1618		
1619		

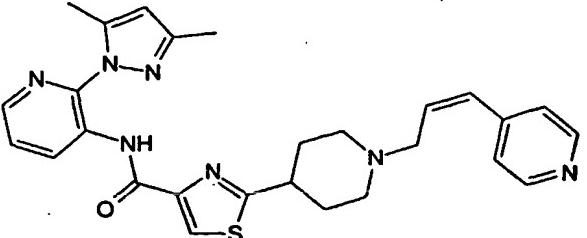
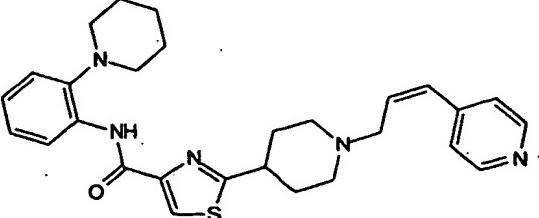
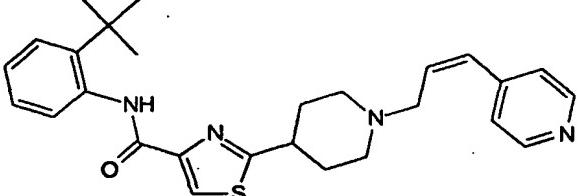
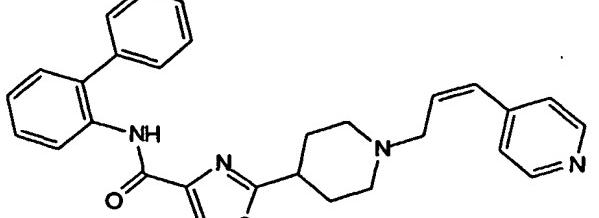
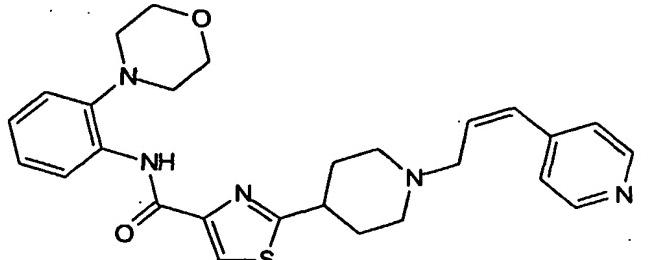
- 576 -

No.	FORMULA	NMR or mass
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1621		
1622		
1623		

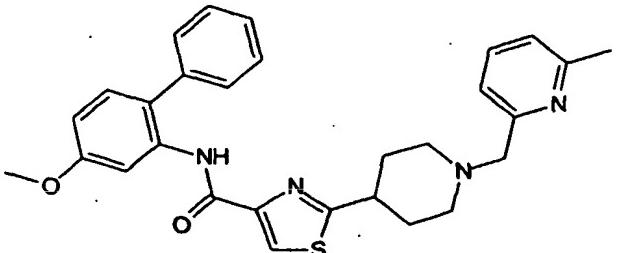
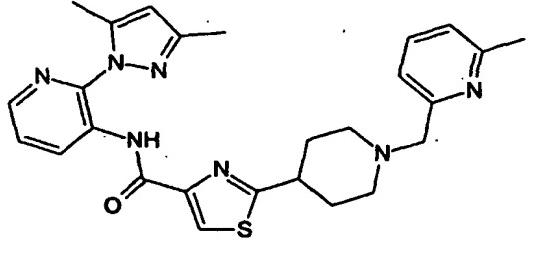
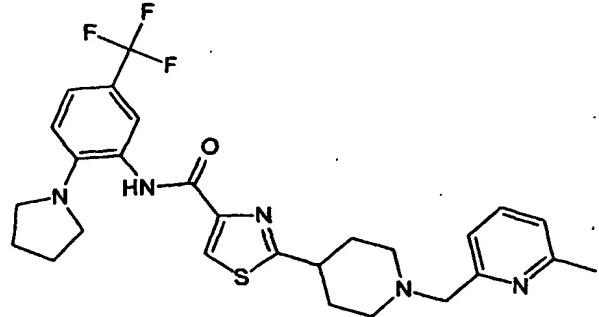
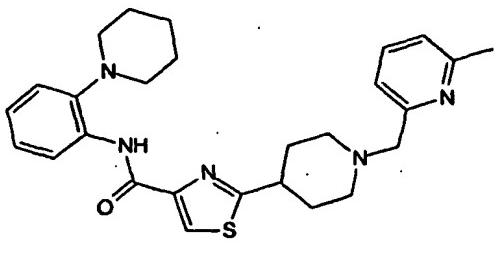
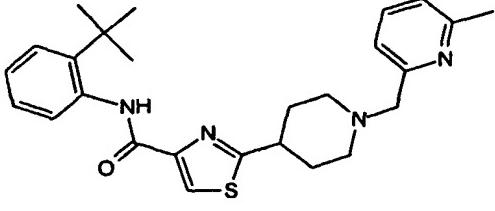
-577-

No.	FORMULA	NMR or mass
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1625		
1626		
1627		
1628		

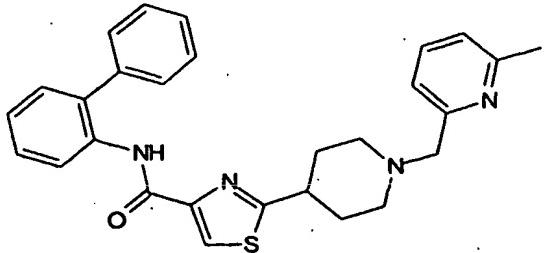
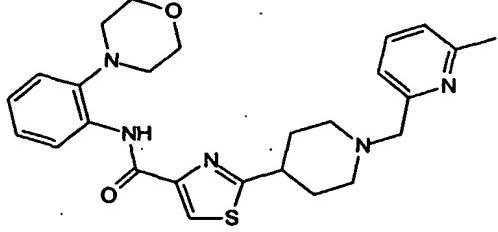
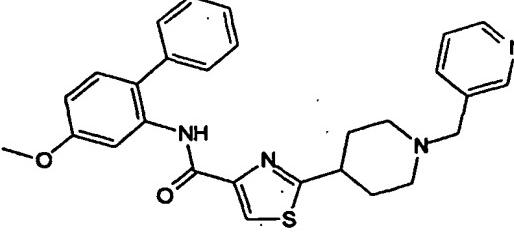
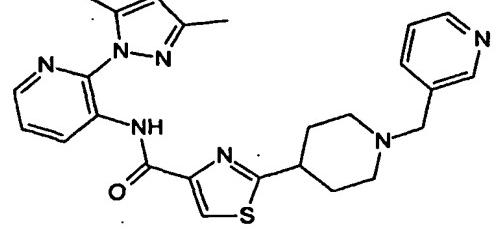
- 578 -

No.	FORMULA	NMR or mass
1629		
1630		
1631		
1632		
1633		

- 579 -

No.	FORMULA	NMR or mass
1634		
1635		
1636		
1637		
1638		

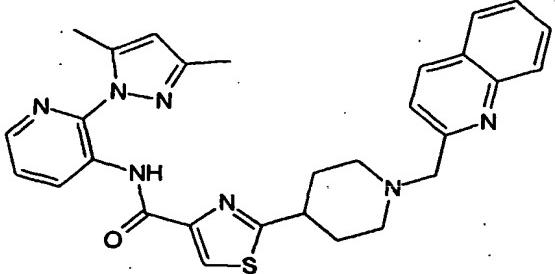
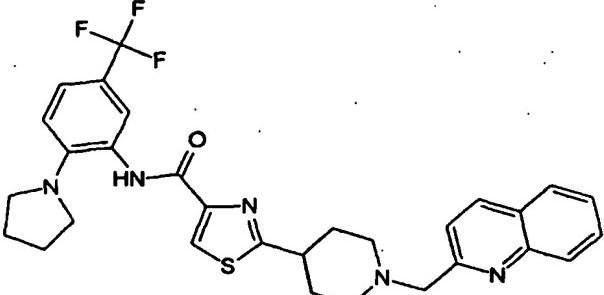
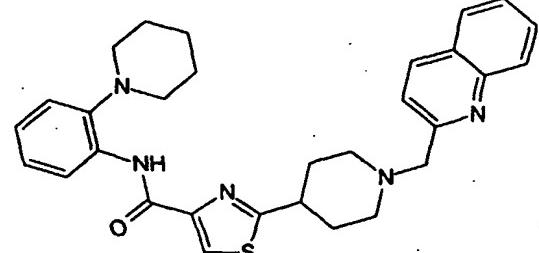
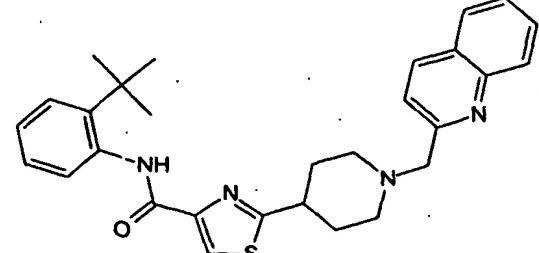
- 580 -

No.	FORMULA	NMR or mass
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1640		
1641		
1642		

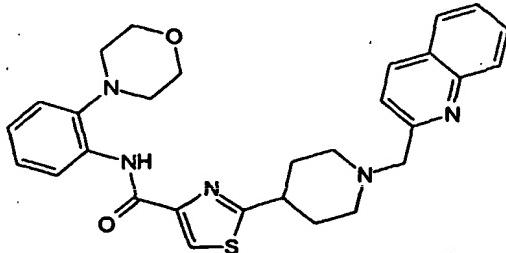
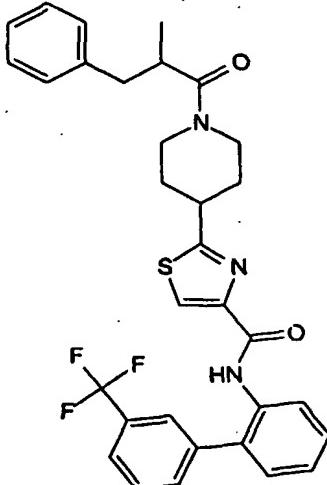
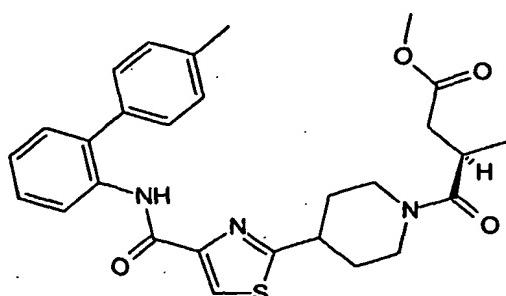
- 581 -

No.	FORMULA	NMR or mass
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1644		
1645		
1646		
1647		

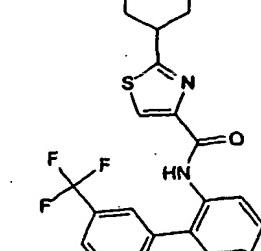
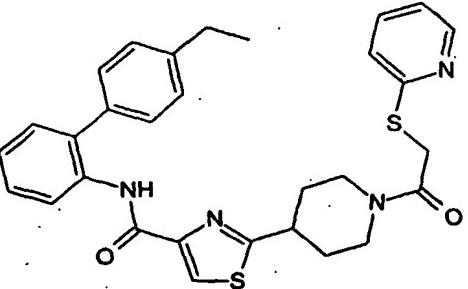
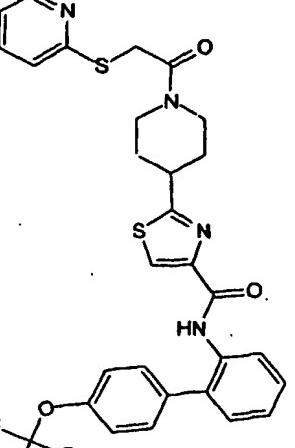
- 582 -

No.	FORMULA	NMR or mass
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1649		
1650		
1651		

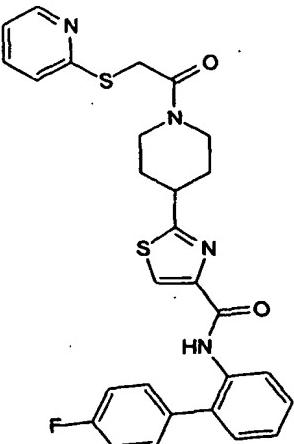
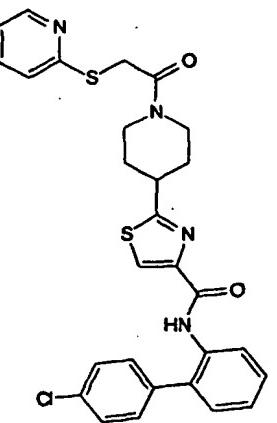
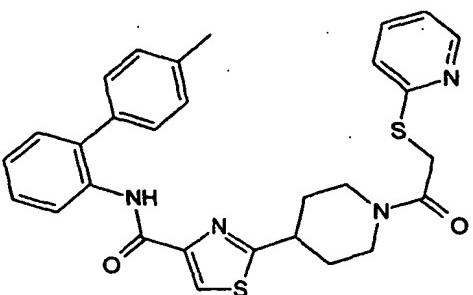
- 583 -

No.	FORMULA	NMR or mass
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1653		
1654		

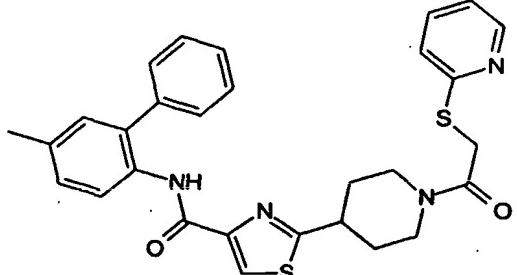
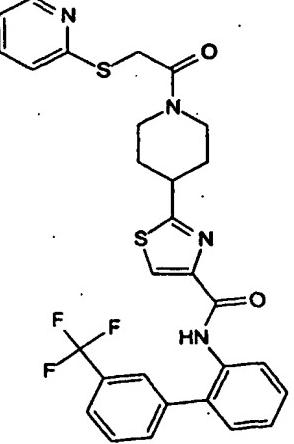
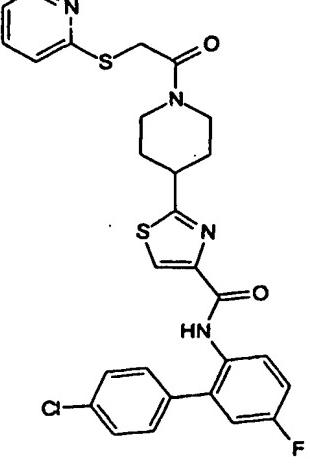
- 584 -

No.	FORMULA		NMR or mass
1655	 <p>methyl (3R)-3-methyl-4-oxo-4-{4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}butanoate</p>		
1656			
1657	 <p>2-{1-[(pyridin-2-ylthio)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>		

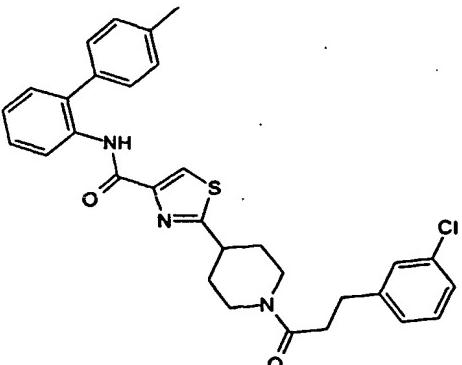
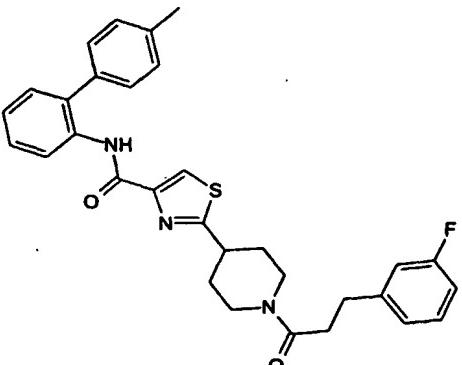
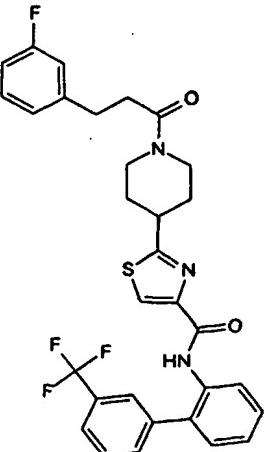
- 585 -

No.	FORMULA	NMR or mass
1658	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(pyridin-2-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1659	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(pyridin-2-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1660		

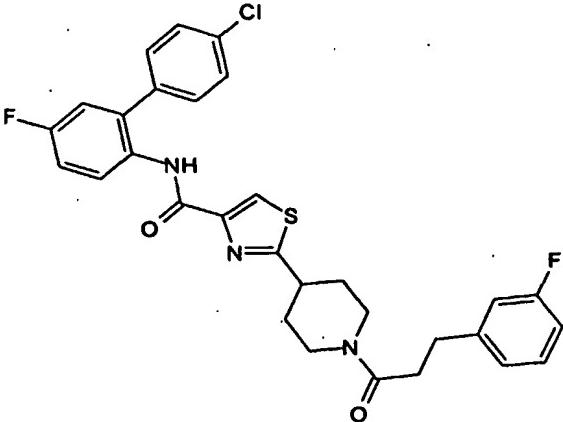
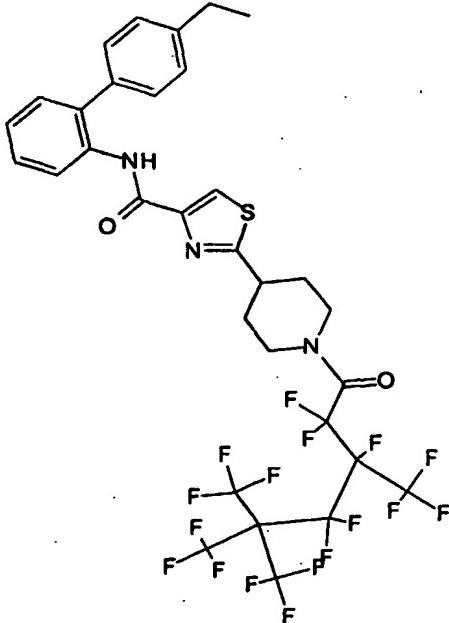
- 586 -

No.	FORMULA	NMR or mass
1661		
1662	 2-{1-[(pyridin-2-ylthio)acetyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide	
1663	 N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(pyridin-2-ylthio)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide	

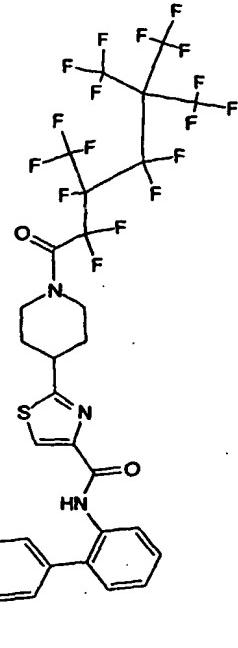
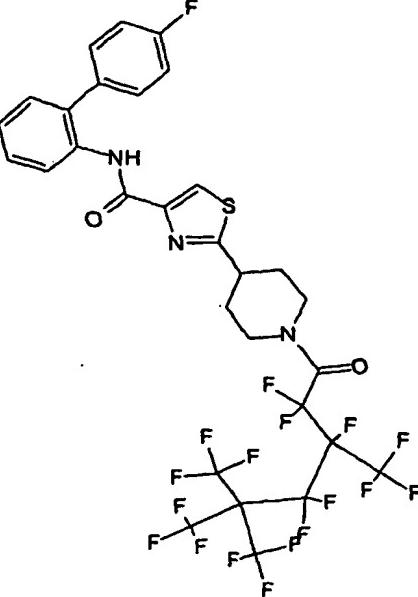
- 587 -

No.	FORMULA	NMR or mass
1664	 <p>2-{1-[3-(3-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1665	 <p>2-{1-[3-(3-fluorophenyl)propanoyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1666	 <p>2-{1-[3-(3-fluorophenyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

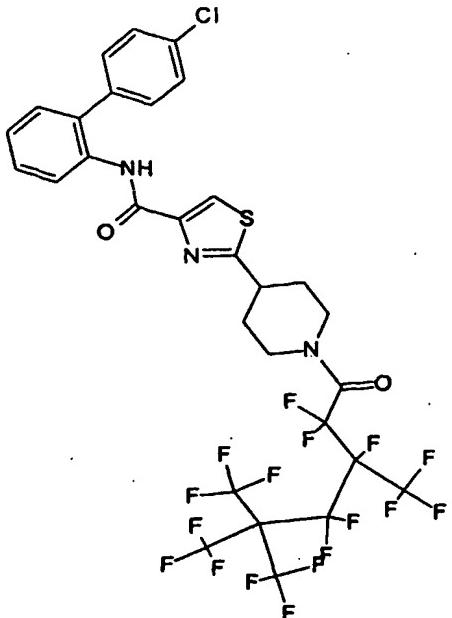
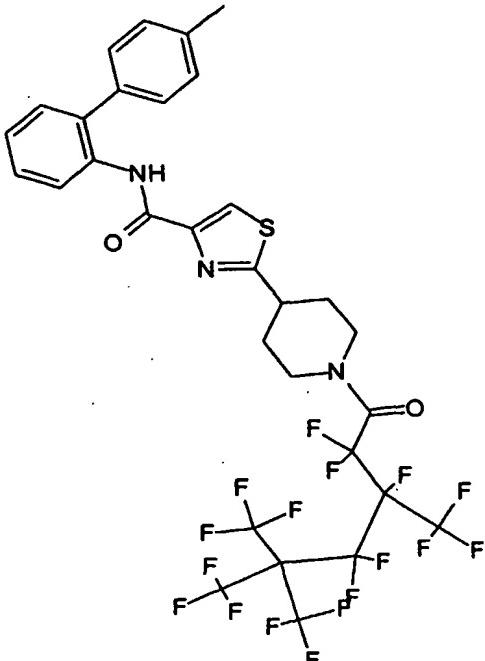
- 588 -

No.	FORMULA	NMR or mass
1667	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(3-fluorophenyl)propanoyl]-piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1668	 <p>N-(4'-ethylbiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

- 589 -

No.	FORMULA	NMR or mass
1669	 <p>2-(1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1670	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
1671	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1672	 <p>N-(4'-methylbiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

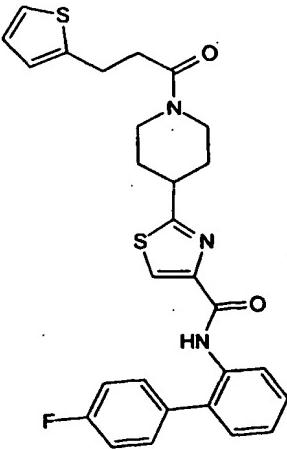
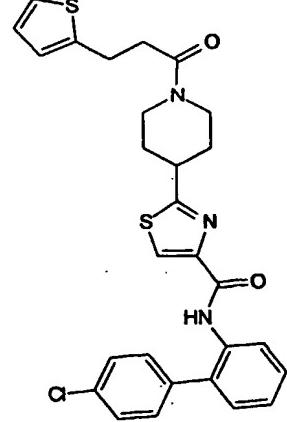
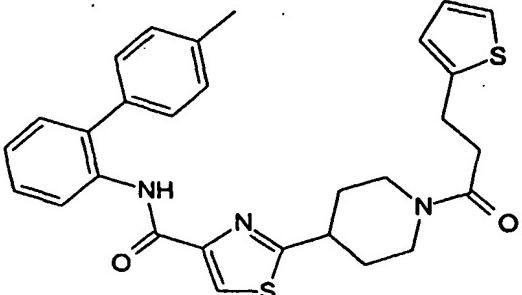
- 591 -

No.	FORMULA	NMR or mass
1673	<p>N-(5-methylbiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1674	<p>2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

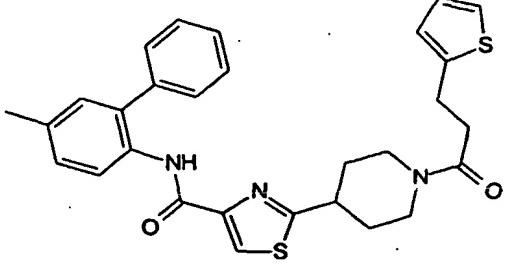
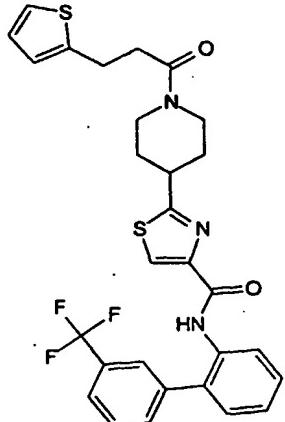
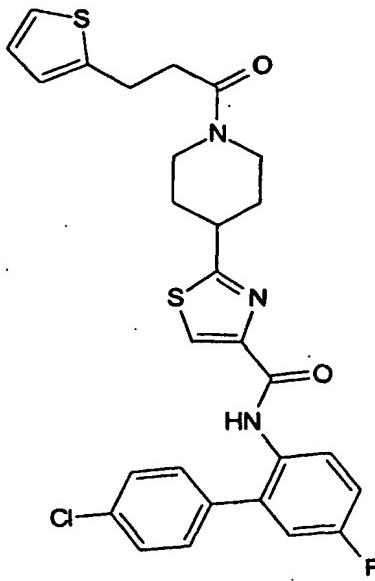
- 592 -

No.	FORMULA	NMR or mass
1675	<p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[2,2,3,4,4,6,6,6-octafluoro-3,5,5-tris(trifluoromethyl)hexanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1676		
1677	<p>2-{1-[3-(2-thienyl)propanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

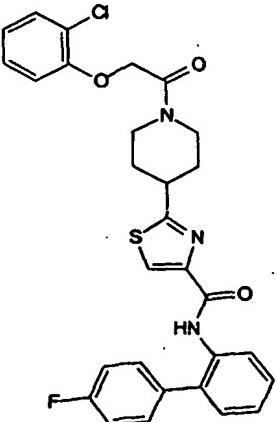
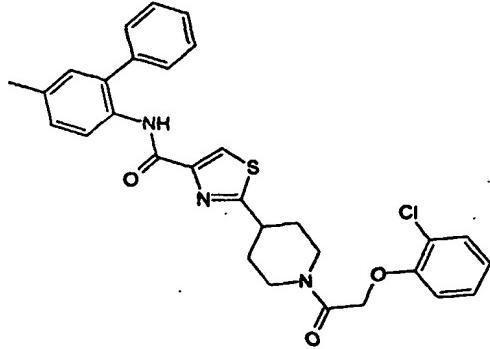
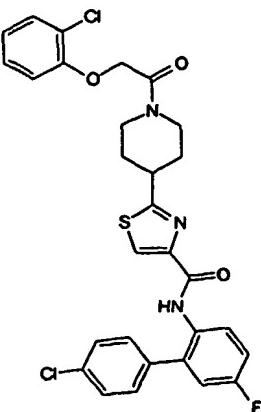
- 593 -

No.	FORMULA	NMR or mass
1678	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[3-(2-thienyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1679	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(2-thienyl)propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1680		

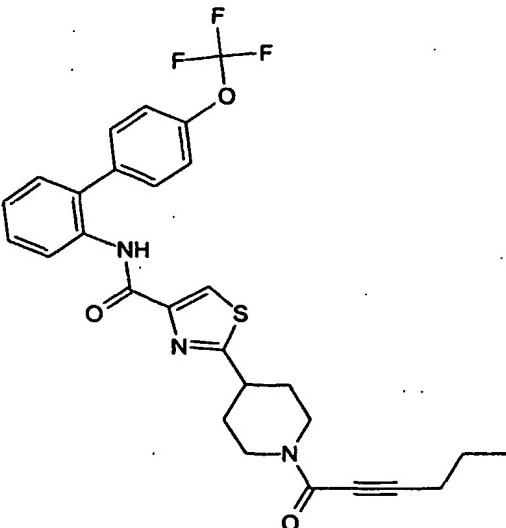
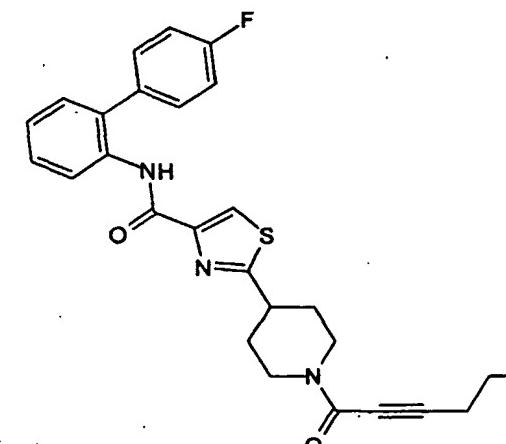
- 594 -

No.	FORMULA	NMR or mass
1681		
1682	 <p>2-{1-[3-(2-thienyl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1683		

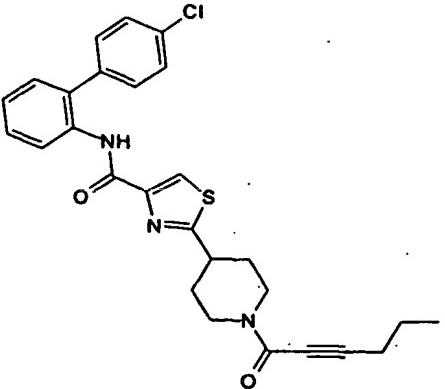
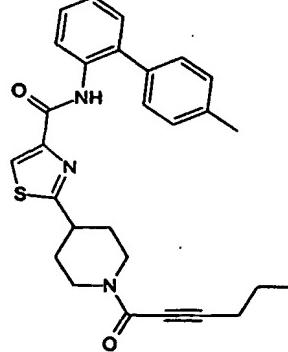
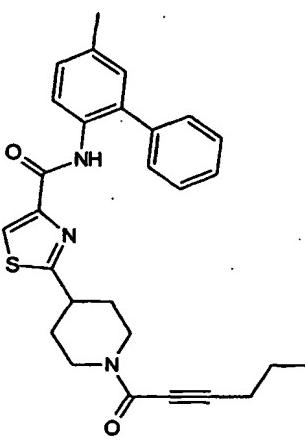
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No.	FORMULA	NMR or mass
1684	 <p>2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1685	 <p>2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1686	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

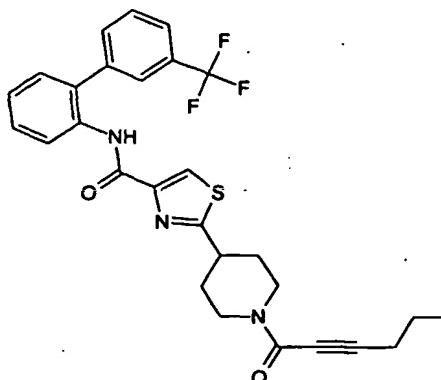
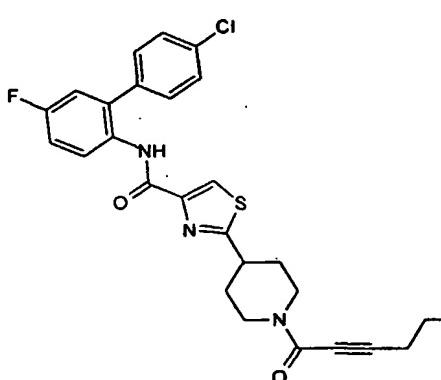
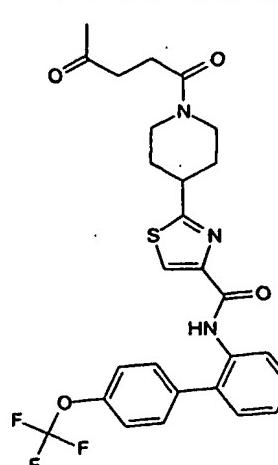
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No.	FORMULA	NMR or mass
1687	 <p>2-(1-hex-2-ynoylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1688	 <p>N-(4'-fluorobiphenyl-2-yl)-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

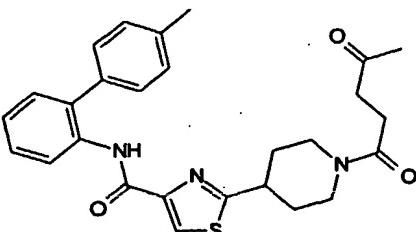
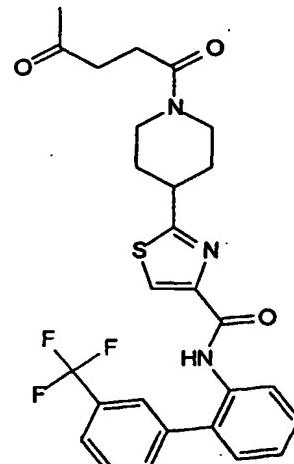
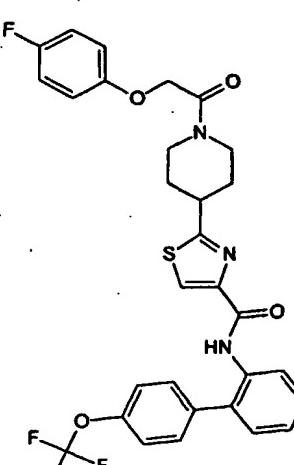
- 597 -

No.	FORMULA	NMR or mass
1689	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-hex-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1690	 <p>2-(1-hex-2-ynoylpiperidin-4-yl)-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1691	 <p>2-(1-hex-2-ynoylpiperidin-4-yl)-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

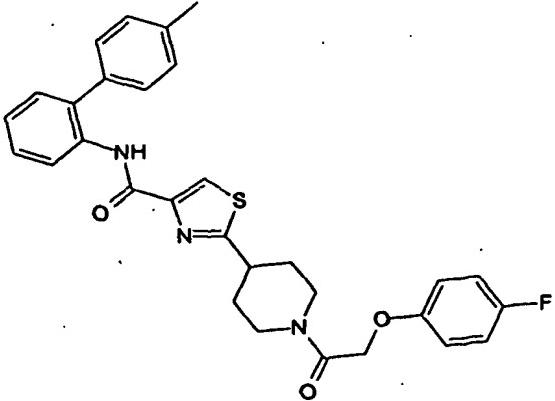
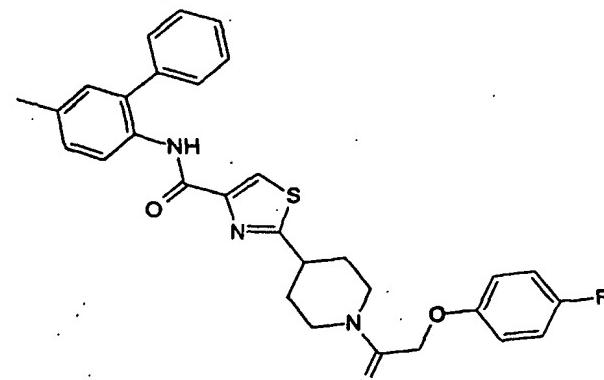
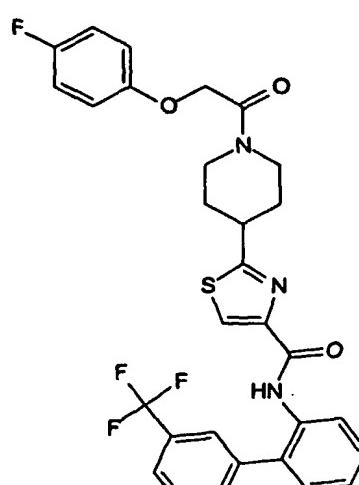
- 598 -

No.	FORMULA	NMR or mass
1692	 <p>2-(1-hex-2-ynylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1693	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-hex-2-ynylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1694	 <p>2-[1-(4-oxopentanoyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

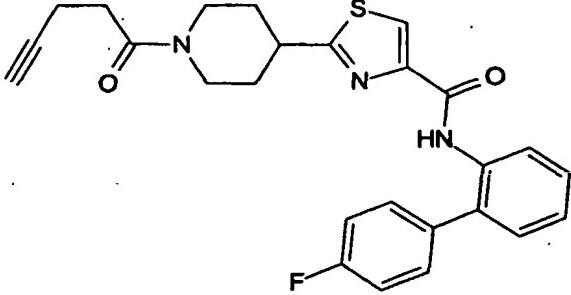
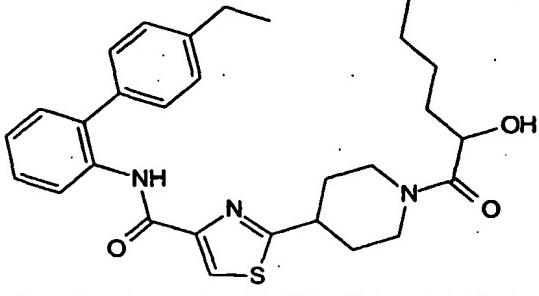
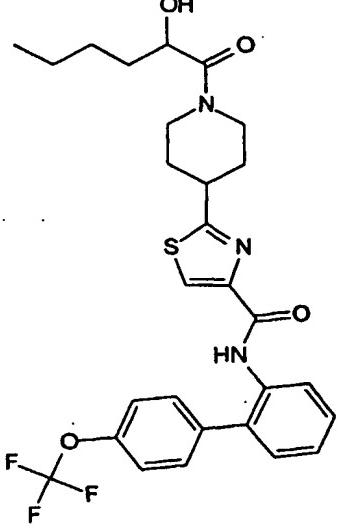
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No.	FORMULA	NMR or mass
1695		
1696	 2-[1-(4-oxopentanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide	
1697	 2-{1-[(4-fluorophenoxy)acetyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide	

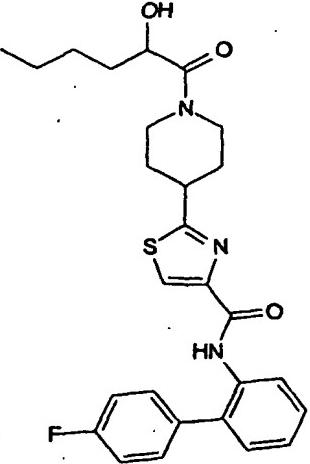
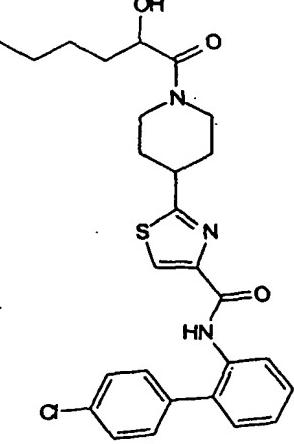
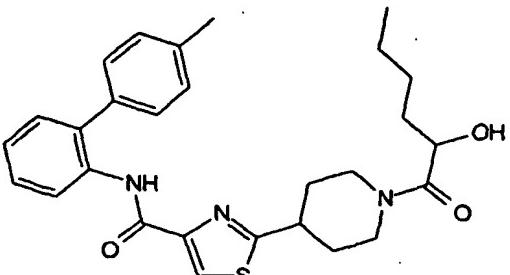
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No.	FORMULA	NMR or mass
1698		
1699		
1700		

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No.	FORMULA	NMR or mass
1701		
1702		
1703		

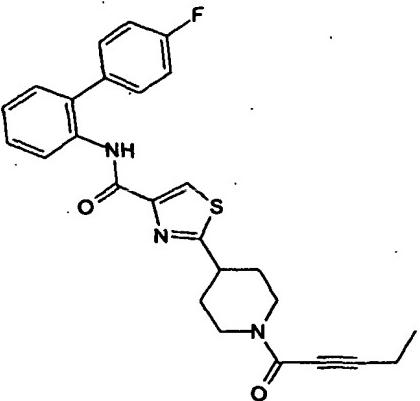
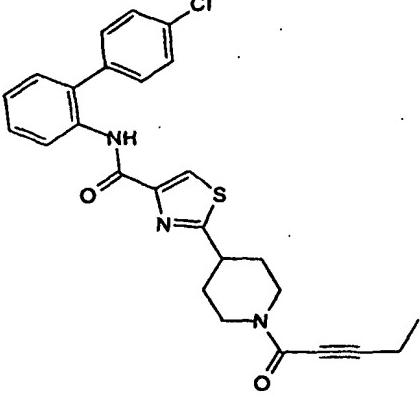
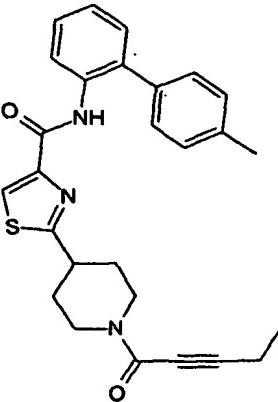
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No.	FORMULA	NMR or mass
1704	 <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(2-hydroxyhexanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1705	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-hydroxyhexanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1706		

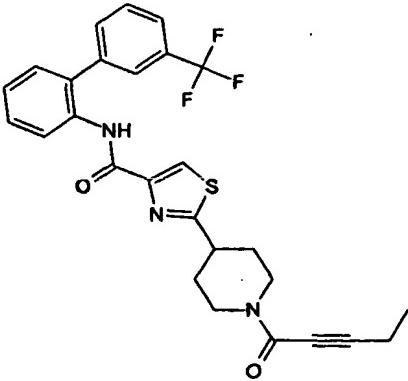
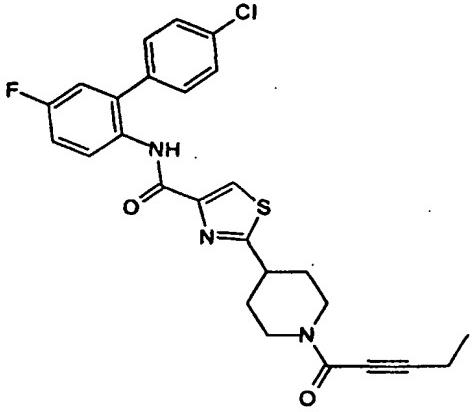
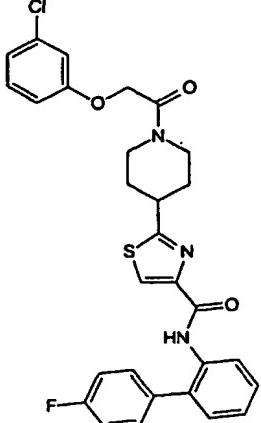
- 603 -

No.	FORMULA	NMR or mass
1707		
1708	<p>2-[1-(2-hydroxyhexanoyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1709	<p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-hydroxyhexanoyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

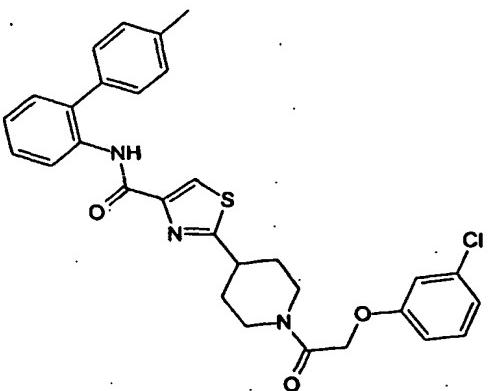
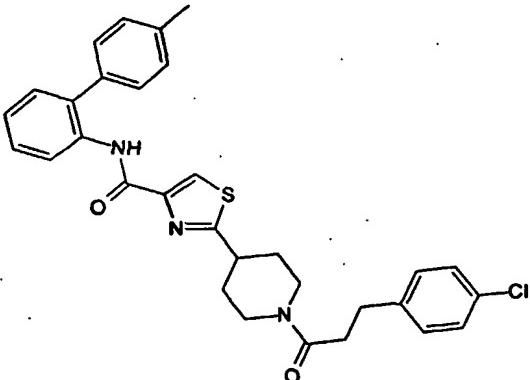
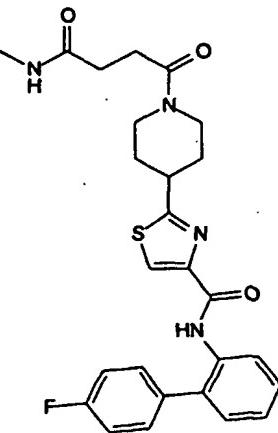
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No.	FORMULA	NMR or mass
1710	 N-(4'-fluorobiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide	
1711	 N-(4'-chlorobiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide	
1712	 N-(4'-methylbiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide	

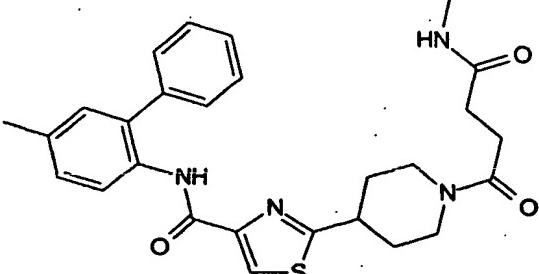
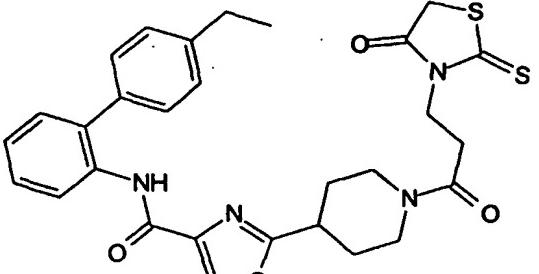
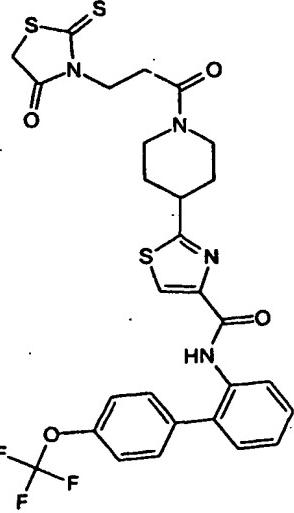
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No.	FORMULA	NMR or mass
1713	 <p>2-(1-pent-2-ynoylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1714	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-pent-2-ynoylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1715	 <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

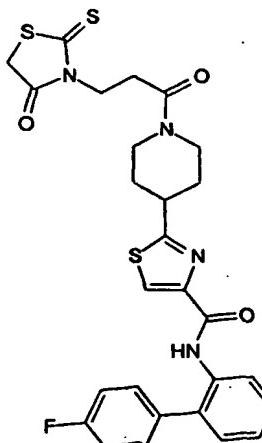
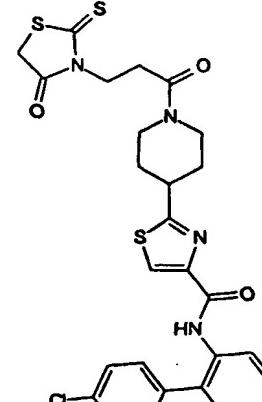
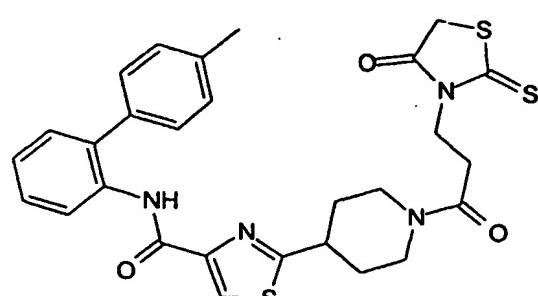
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No.	FORMULA	NMR or mass
1716	 <p>2-{1-[(3-chlorophenoxy)acetyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1717	 <p>2-{1-[3-(4-chlorophenyl)propanoyl]piperidin-4-yl}-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1718	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[4-(methylamino)-4-oxobutanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

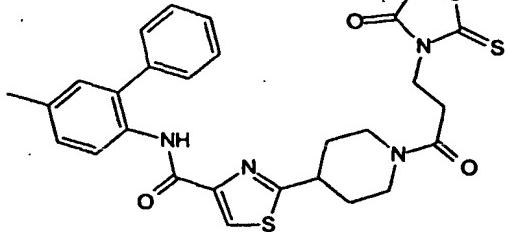
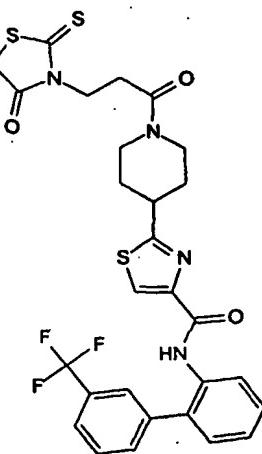
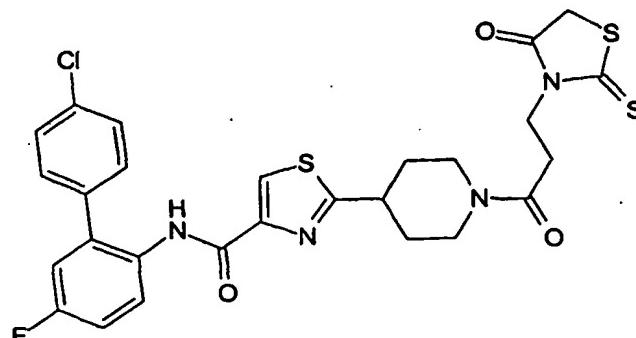
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No.	FORMULA	NMR or mass
1719		
1720		
1721	 <p>2-{1-[3-(4-oxo-2-thioxo-1,3-thiazolidin-3-yl)propanoyl]piperidin-4-yl}-N-[4-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

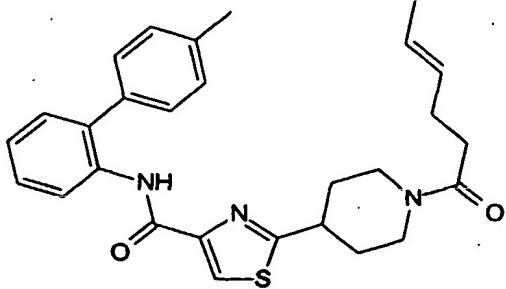
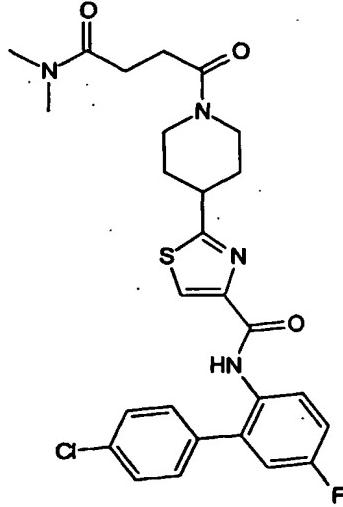
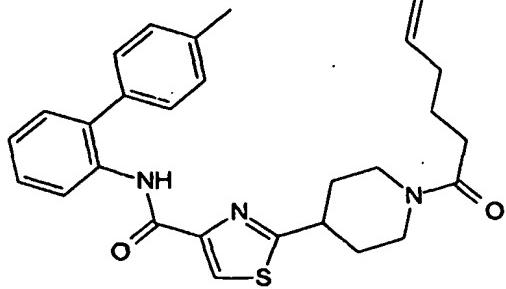
- 608 -

No.	FORMULA	NMR or mass
1722	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[3-(4-oxo-2-thioxo-1,3-thiazolidin-3-yl)-propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1723	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(4-oxo-2-thioxo-1,3-thiazolidin-3-yl)-propanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1724		

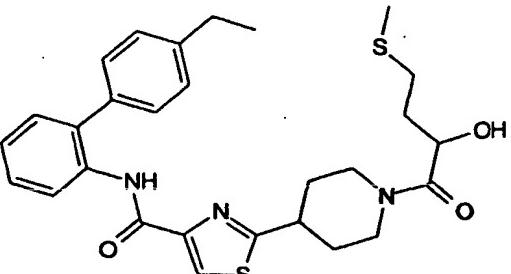
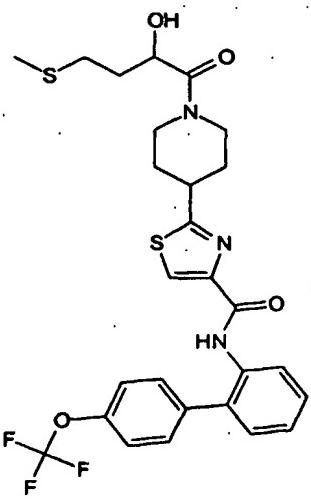
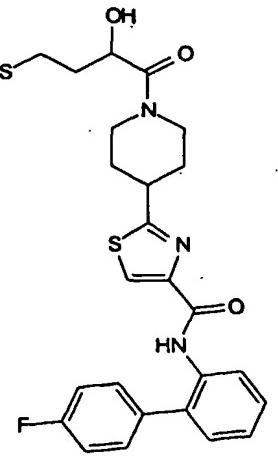
- 609 -

No.	FORMULA	NMR or mass
1725		
1726	 <p data-bbox="293 1193 1191 1256">2-{1-[3-(4-oxo-2-thioxo-1,3-thiazolidin-3-yl)propanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1727		

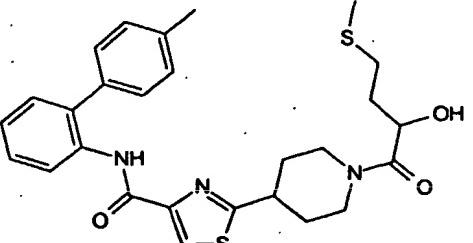
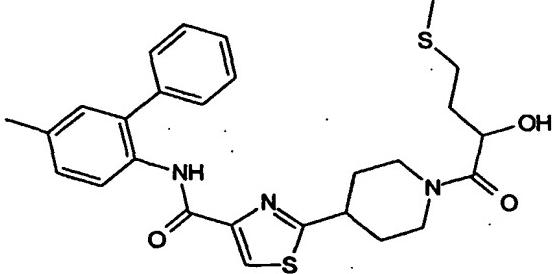
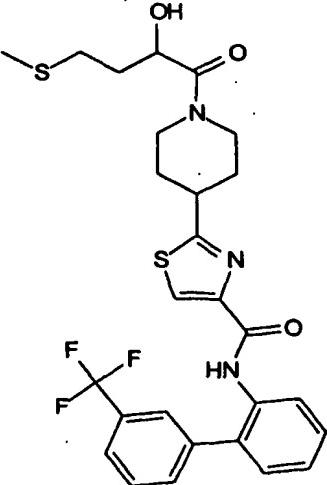
- 610 -

No.	FORMULA	NMR or mass
1728		
1729	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[4-(dimethylamino)-4-oxobutanoyl]-piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1730		

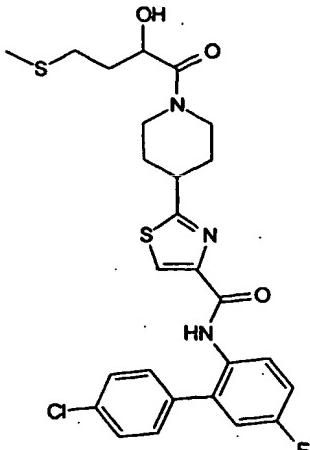
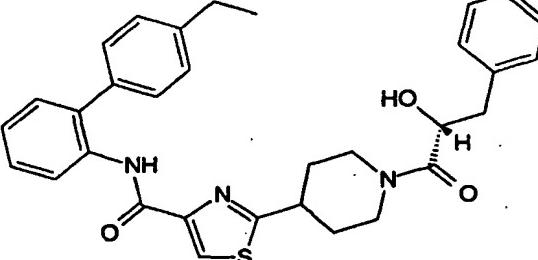
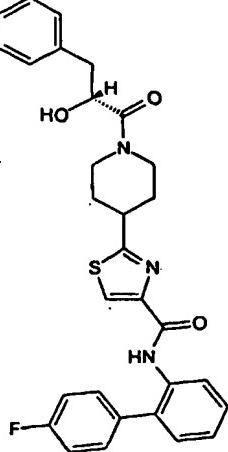
- 611 -

No.	FORMULA	NMR or mass
1731		
1732	 <p>2-{1-[2-hydroxy-4-(methylthio)butanoyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1733	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[2-hydroxy-4-(methylthio)butanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

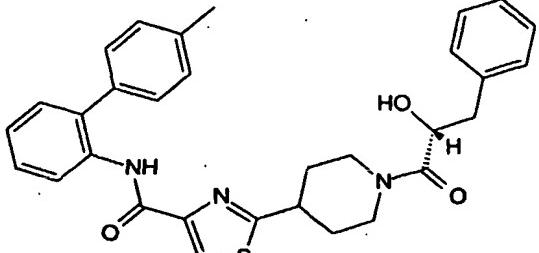
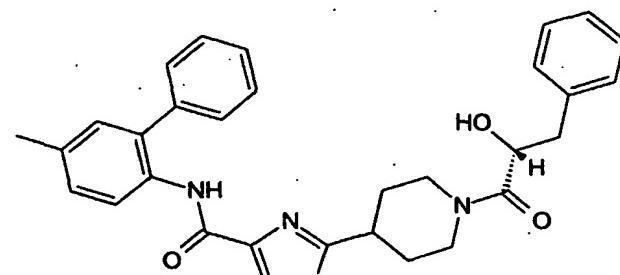
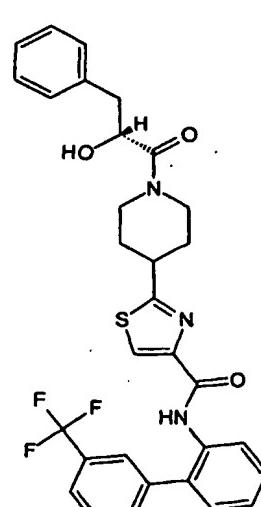
- 612 -

No.	FORMULA	NMR or mass
1734		
1735		
1736	 <p data-bbox="279 1584 1237 1674">2-{1-[2-hydroxy-4-(methylthio)butanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

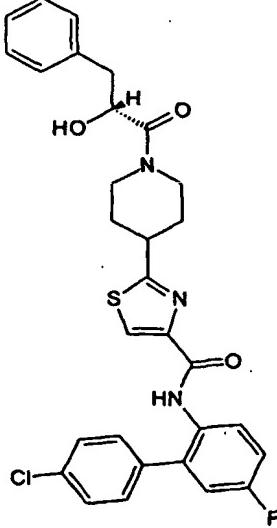
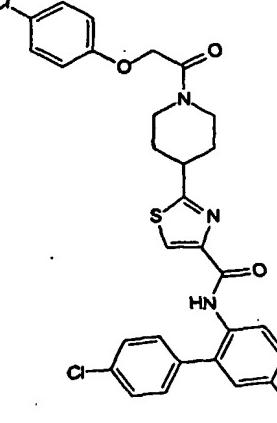
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No.	FORMULA	NMR or mass
1737	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[2-hydroxy-4-(methylthio)butanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1738		
1739	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(2R)-2-hydroxy-3-phenylpropanoyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

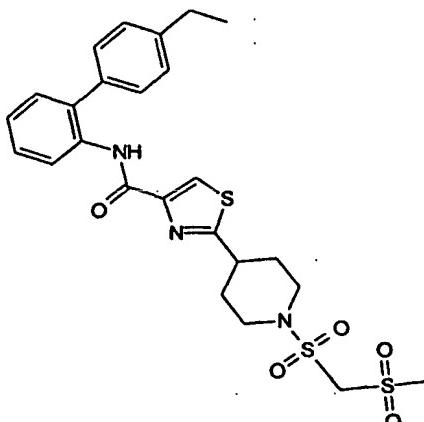
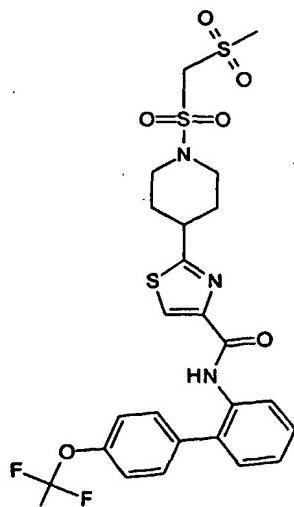
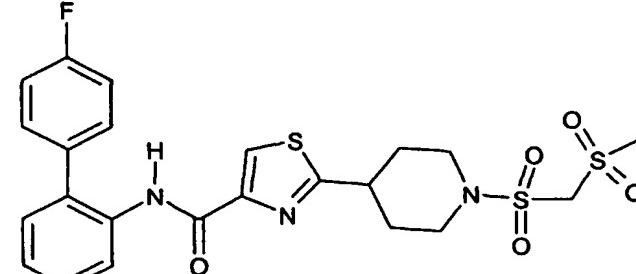
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No.	FORMULA	NMR or mass
1740		
1741		
1742	 <p data-bbox="295 1731 1237 1854">2-{1-[(2R)-2-hydroxy-3-phenylpropanoyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

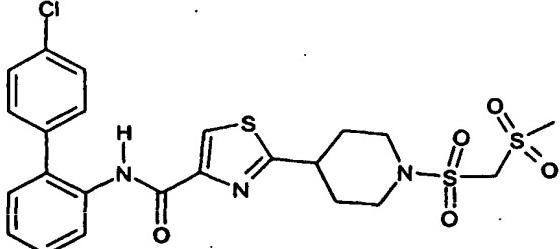
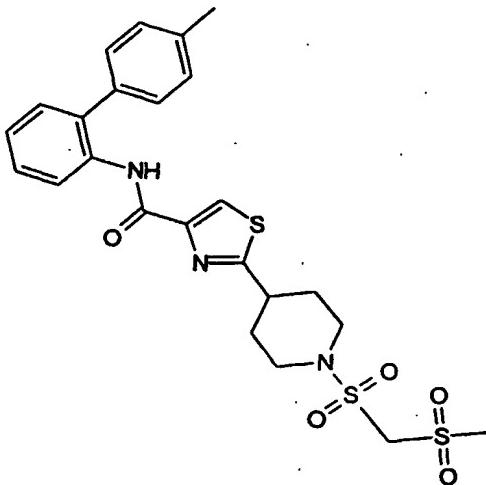
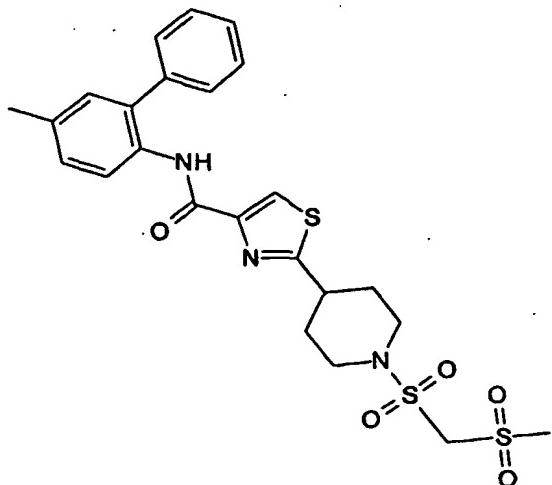
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No.	FORMULA	NMR or mass
1743	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[{(2R)-2-hydroxy-3-phenylpropanoyl}]-piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1744	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(4-chlorophenoxy)acetyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

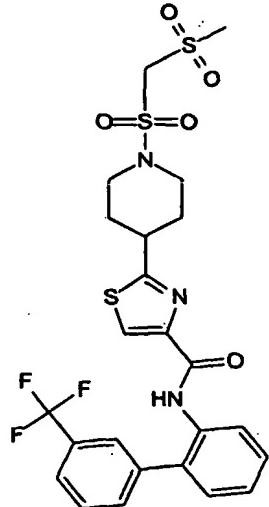
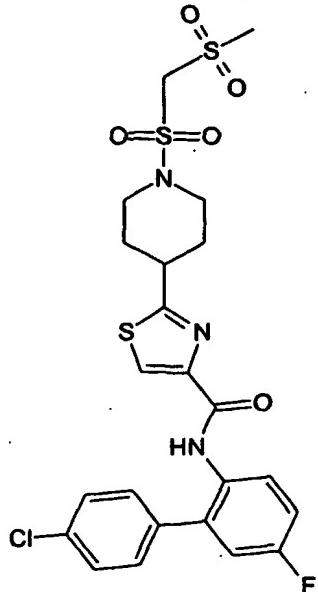
- 616 -

No.	FORMULA	NMR or mass
1745	 <p>N-(4'-ethylbiphenyl-2-yl)-2-(1-((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1746	 <p>2-(1-((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1747		

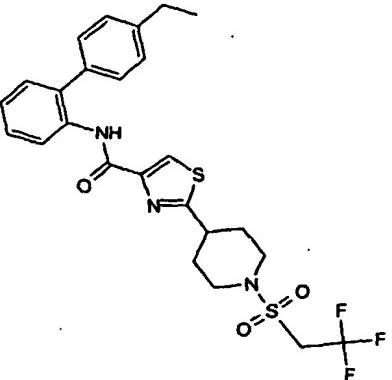
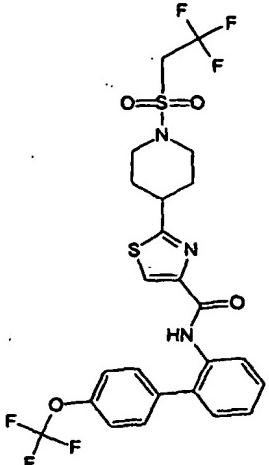
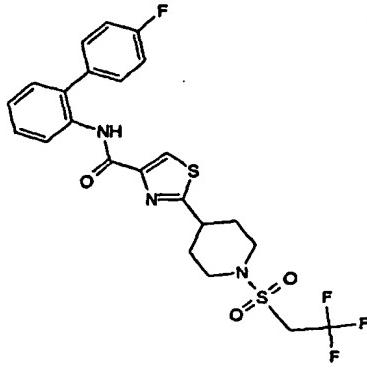
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No.	FORMULA	NMR or mass
1748		
1749	 <p>N-(4'-methylbiphenyl-2-yl)-2-(1-((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl-1,3-thiazole-4-carboxamide</p>	
1750		

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No.	FORMULA	NMR or mass
1751	 <p>2-(1-((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1752	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-((methylsulfonyl)methyl)sulfonyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
1753	 <p>N-(4'-ethylbiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1754	 <p>2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1755	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

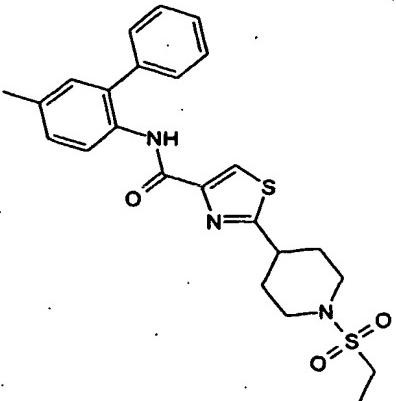
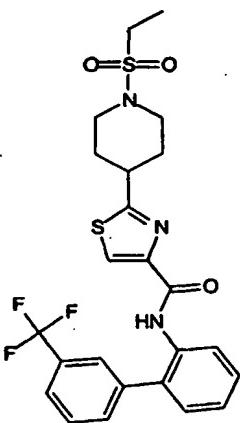
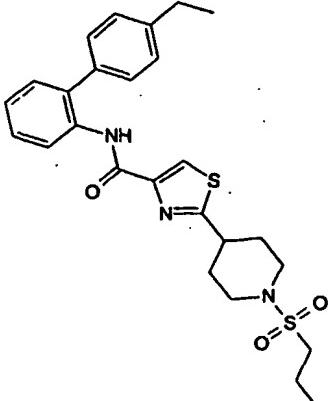
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No.	FORMULA	NMR or mass
1756	<p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1757	<p>N-(4'-methylbiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1758	<p>N-(5-methylbiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

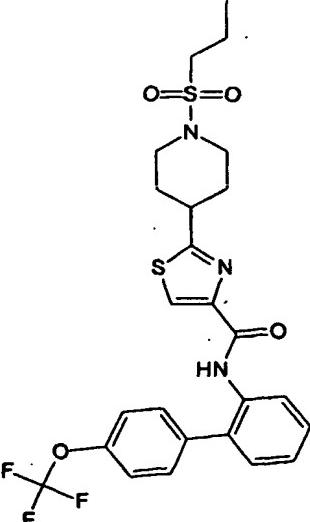
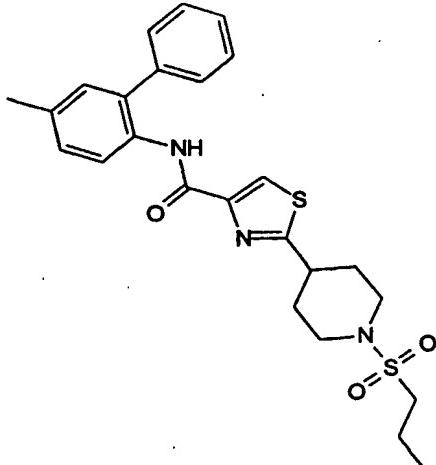
- 621 -

No.	FORMULA	NMR or mass
1759	<p>2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1760	<p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2,2,2-trifluoroethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1761	<p>N-(4'-ethylbiphenyl-2-yl)-2-[1-(ethylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

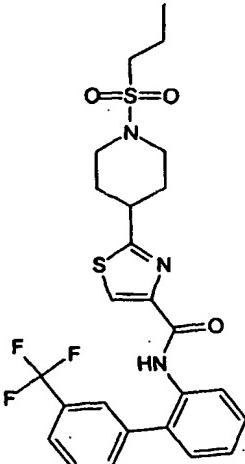
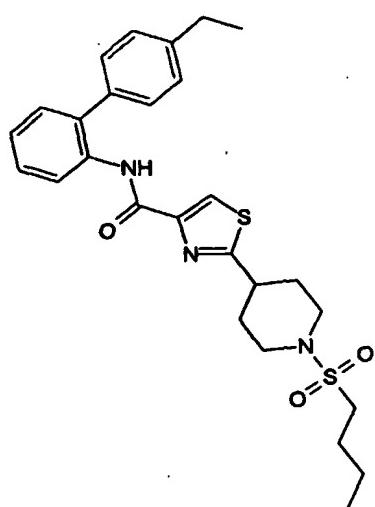
- 622 -

No.	FORMULA	NMR or mass
1762	 <p>2-[1-(ethylsulfonyl)piperidin-4-yl]-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1763	 <p>2-[1-(ethylsulfonyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1764	 <p>N-(4'-ethylbiphenyl-2-yl)-2-[1-(propylsulfonyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

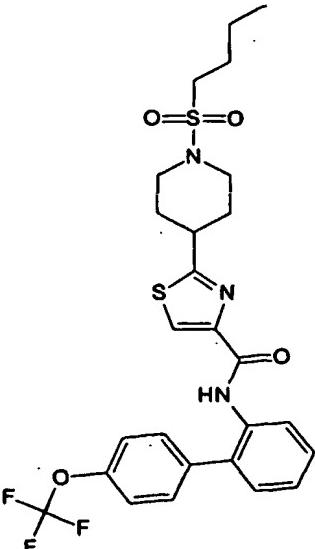
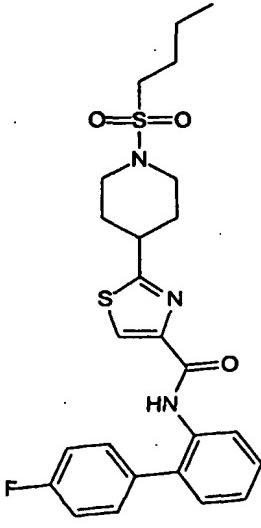
-623-

No.	FORMULA	NMR or mass
1765	 <p>2-[1-(propylsulfonyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1766		

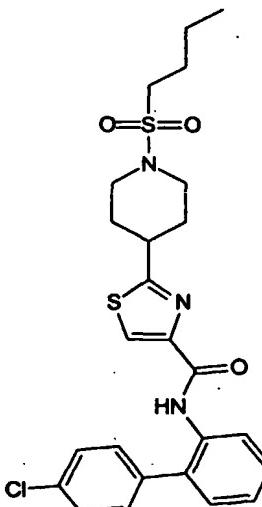
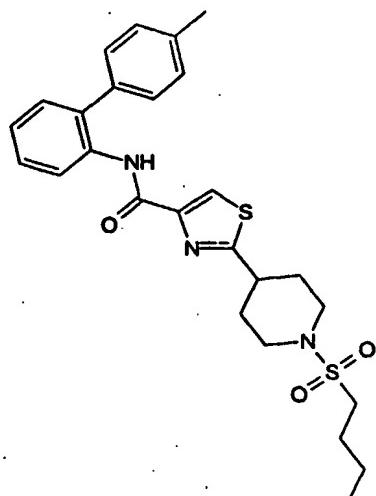
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No.	FORMULA	NMR or mass
1767	 <p>2-[1-(propylsulfonyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1768	 <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4'-ethylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
1769	 <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1770	 <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

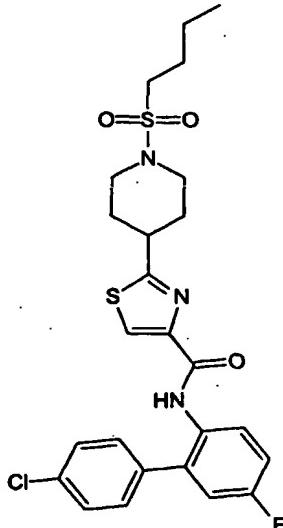
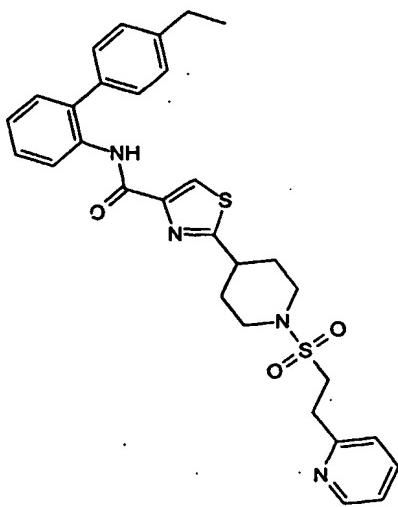
- 626 -

No.	FORMULA	NMR or mass
1771	 <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1772	 <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4'-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

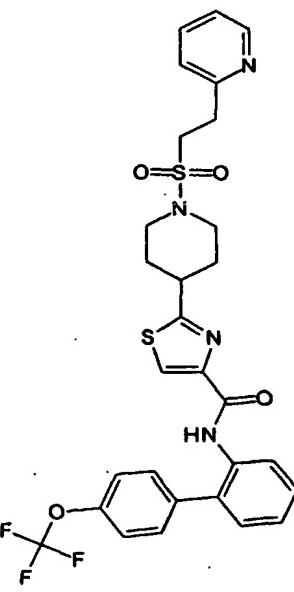
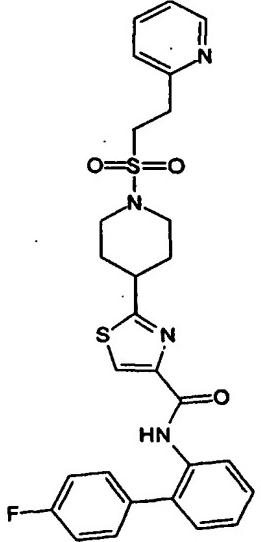
- 627 -

No.	FORMULA	NMR or mass
1773	<p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(5-methylbiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1774	<p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

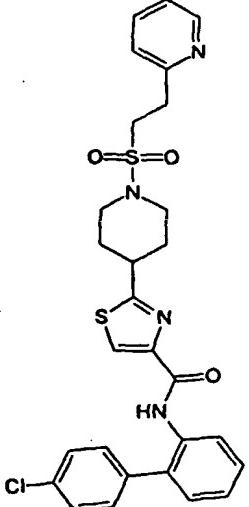
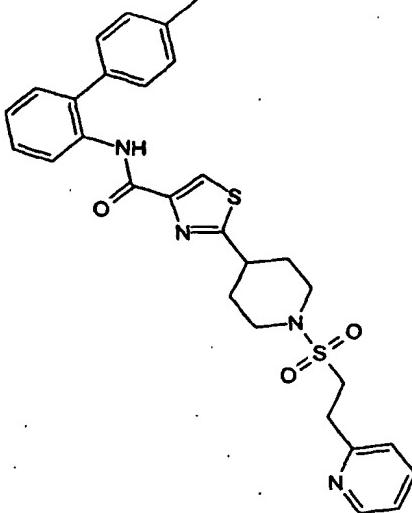
- 628 -

No.	FORMULA	NMR or mass
1775	 <p>2-[1-(butylsulfonyl)piperidin-4-yl]-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1776	 <p>N-(4'-ethylbiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

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No.	FORMULA	NMR or mass
1777	 <p>2-{(2-pyridin-2-ylethyl)sulfonyl}piperidin-4-yl-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1778	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{(2-pyridin-2-ylethyl)sulfonyl}piperidin-4-yl-1,3-thiazole-4-carboxamide</p>	

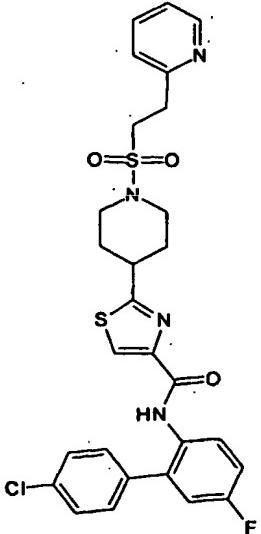
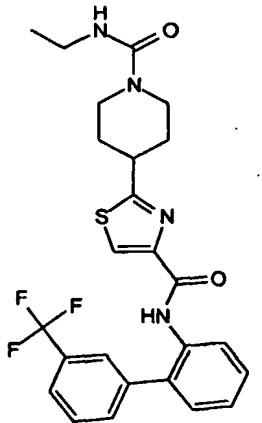
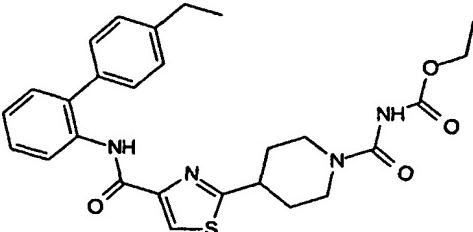
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No.	FORMULA	NMR or mass
1779	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1780	 <p>N-(4'-methylbiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

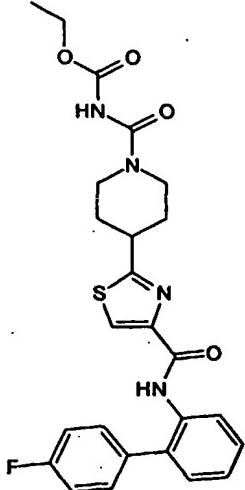
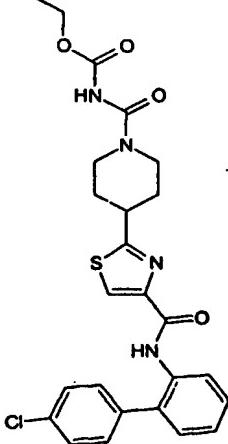
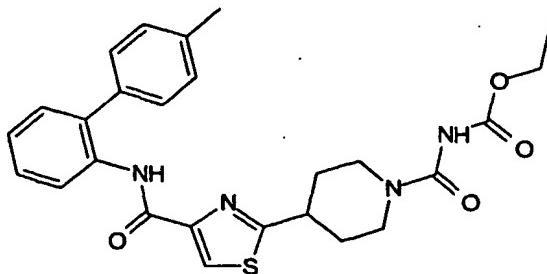
- 631 -

No.	FORMULA	NMR or mass
1781	<p>N-(5-methylbiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1782	<p>2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

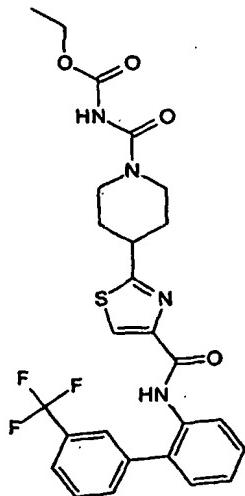
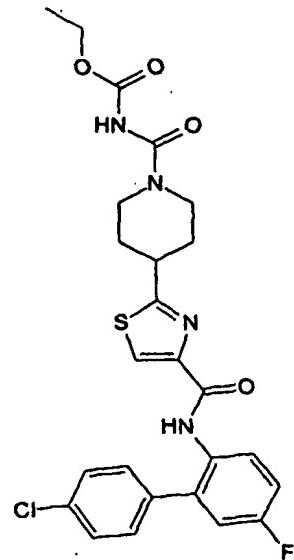
- 632 -

No.	FORMULA	NMR or mass
1783	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[(2-pyridin-2-ylethyl)sulfonyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1784	 <p>N-ethyl-4-[4-({[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidine-1-carboxamide</p>	
1785		

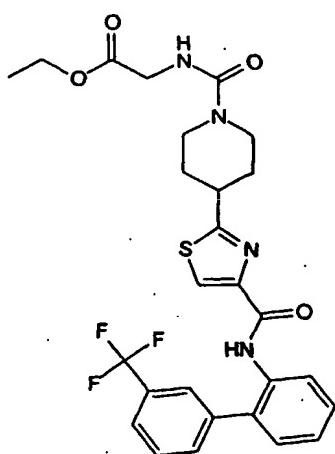
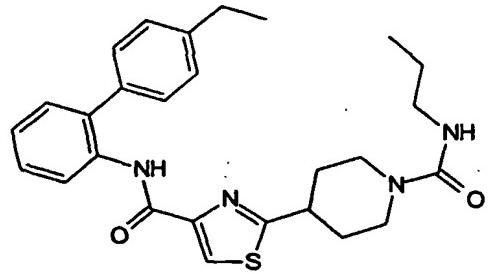
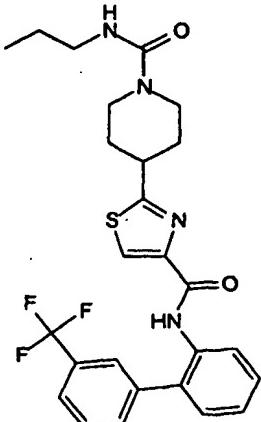
- 633 -

No.	FORMULA	NMR or mass
1786	 <p>ethyl {[4-(4-{[(4'-fluorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)-piperidin-1-yl]carbonyl}carbamate</p>	
1787	 <p>ethyl {[4-(4-{[(4'-chlorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl)-piperidin-1-yl]carbonyl}carbamate</p>	
1788		

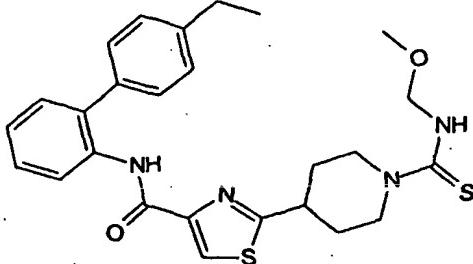
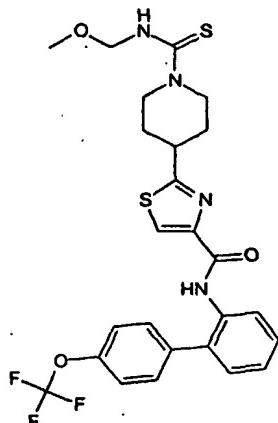
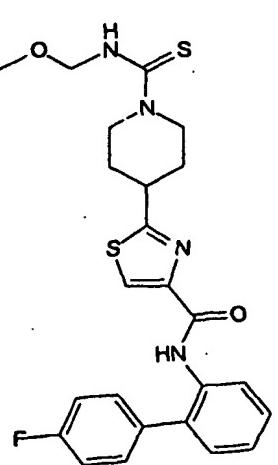
- 634 -

No.	FORMULA	NMR or mass
1789	 <p>ethyl ((4-[4-((3'-trifluoromethyl)biphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl carbamate</p>	
1790	 <p>ethyl ((4-[4-((4-chloro-5-fluorobiphenyl-2-yl)amino]carbonyl)-1,3-thiazol-2-yl)piperidin-1-yl carbamate</p>	

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No.	FORMULA	NMR or mass
1791	 <p>ethyl N-((4-[{[3'-(trifluoromethyl)biphenyl-2-yl]amino}carbonyl]-1,3-thiazol-2-yl)piperidin-1-yl)carbonylglycinate</p>	
1792		
1793	 <p>N-propyl-4-((3'-(trifluoromethyl)biphenyl-2-yl)amino)carbonyl)-1,3-thiazol-2-yl)piperidine-1-carboxamide</p>	

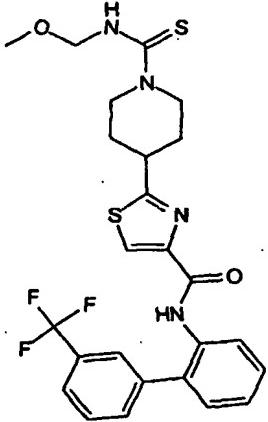
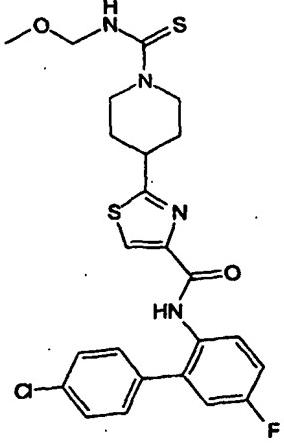
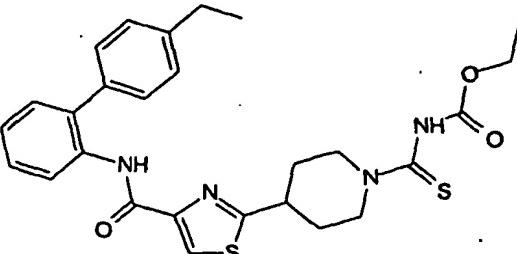
- 636 -

No.	FORMULA	NMR or mass
1794		
1795	 <p data-bbox="310 1172 1199 1235">2-(1-[(methoxymethyl)amino]carbonothioyl)piperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1796	 <p data-bbox="310 1774 1166 1837">N-(4'-fluorobiphenyl-2-yl)-2-(1-[(methoxymethyl)amino]carbonothioyl)-piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

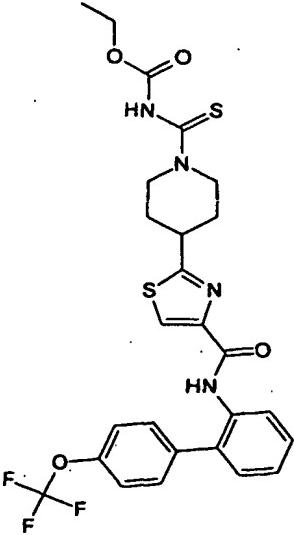
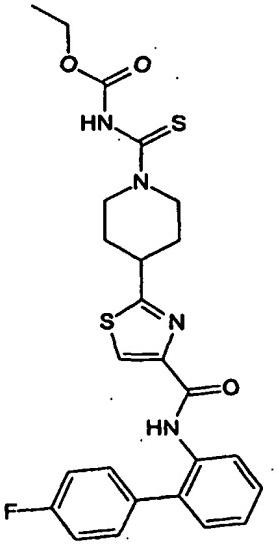
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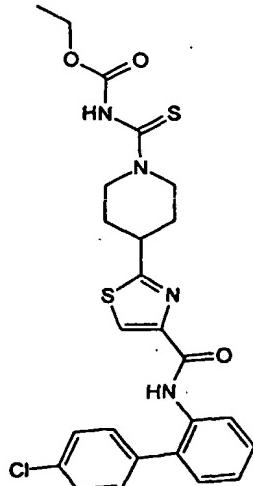
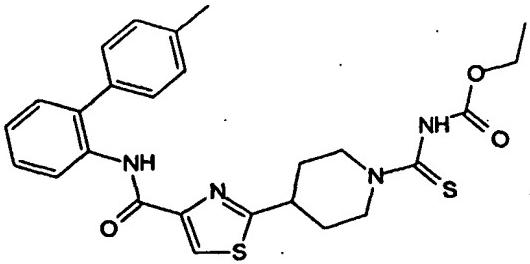
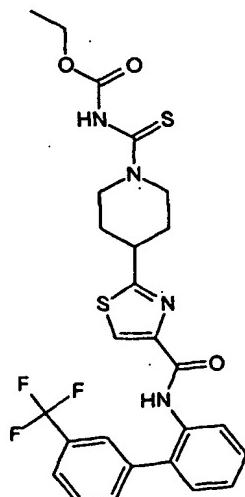
- 638 -

No.	FORMULA	NMR or mass
1800	 <p>2-(1-((methoxymethyl)amino)carbonothioyl)piperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1801	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-((methoxymethyl)amino)carbonothioyl)piperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1802		

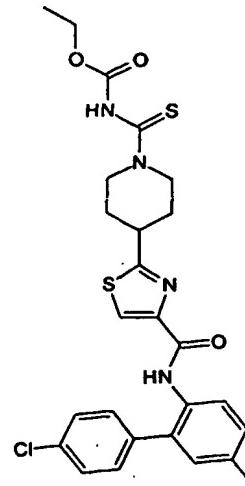
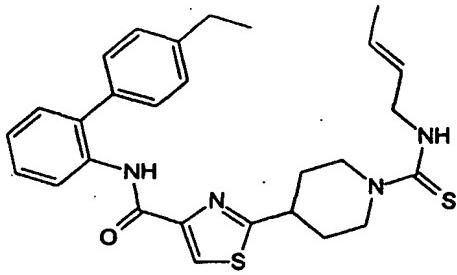
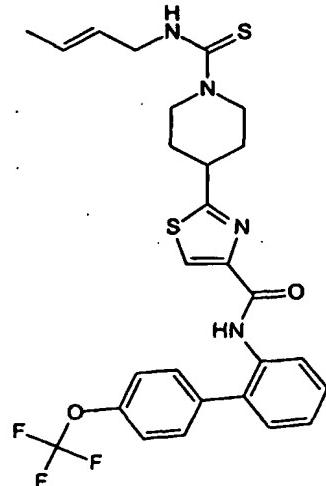
- 639 -

No.	FORMULA	NMR or mass
1803	 <p>ethyl ({4-[4-({[4'-(trifluoromethoxy)biphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl)carbamate</p>	
1804	 <p>ethyl {[4-{[(4'-fluorobiphenyl-2-yl)amino}carbonyl]-1,3-thiazol-2-yl}-piperidin-1-yl}carbonothioyl)carbamate</p>	

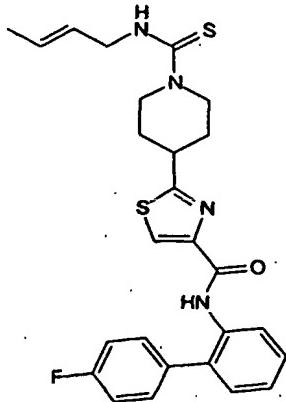
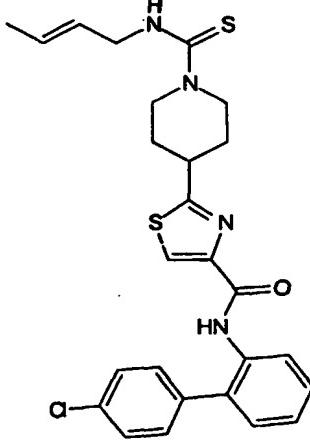
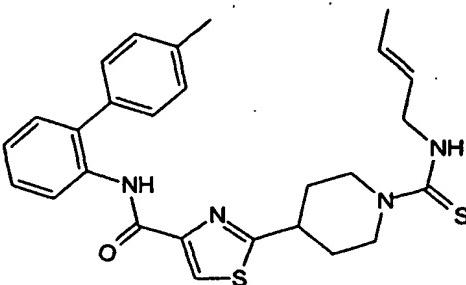
- 640 -

No.	FORMULA	NMR or mass
1805	 <p>ethyl {[4-(4'-(4-chlorobiphenyl-2-yl)amino)carbonyl]-1,3-thiazol-2-yl}-piperidin-1-yl carbamate</p>	
1806		
1807		

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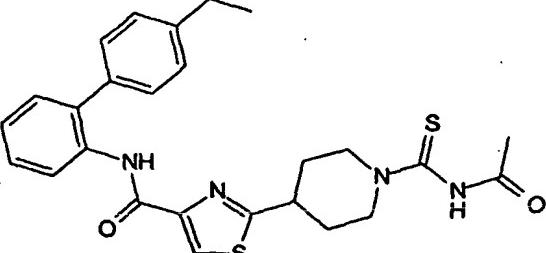
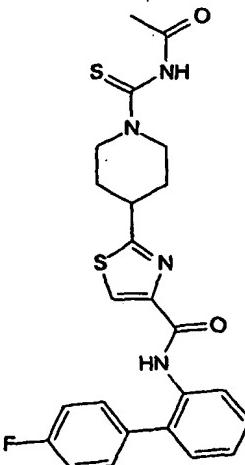
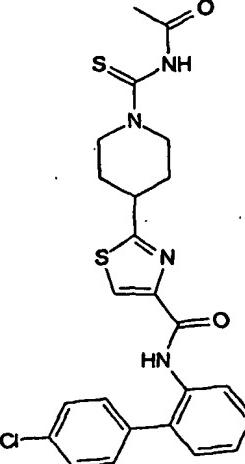
No.	FORMULA	NMR or mass
1808	 <p>ethyl {[4-({[4'-chloro-5-fluorobiphenyl-2-yl]amino}carbonyl)-1,3-thiazol-2-yl]piperidin-1-yl}carbonothioyl}carbamate</p>	
1809		
1810		

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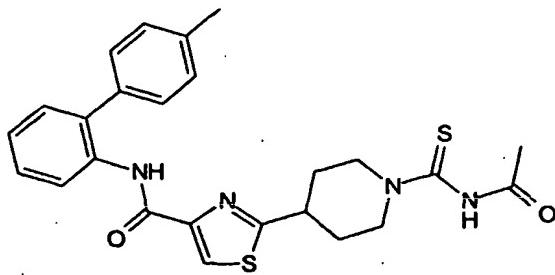
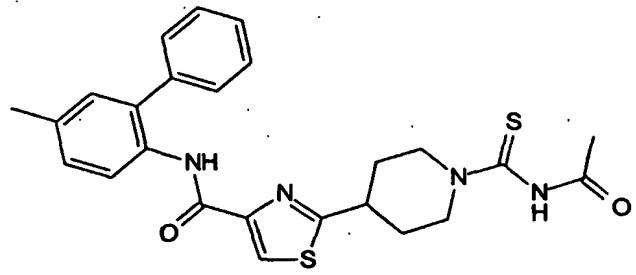
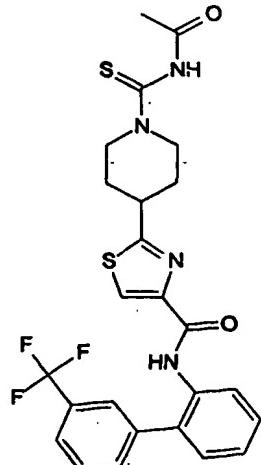
No.	FORMULA	NMR or mass
1811	 <p>2-(1-((2E)-but-2-en-1-ylamino)carbonothioyl)piperidin-4-yl)-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1812	 <p>2-(1-((2E)-but-2-en-1-ylamino)carbonothioyl)piperidin-4-yl)-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1813		

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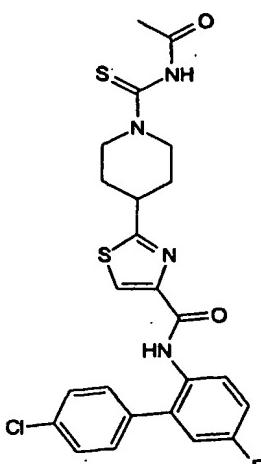
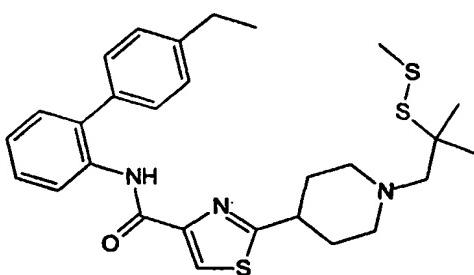
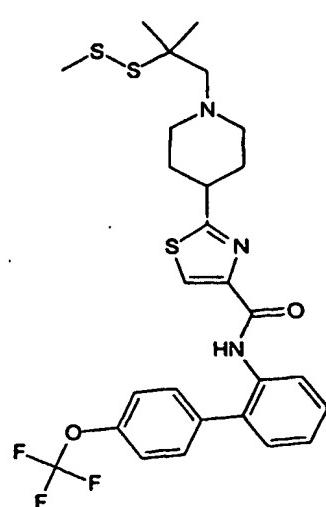
No.	FORMULA	NMR or mass
1814		
1815		
1816	<p>2-(1-((2E)-but-2-en-1-ylamino)carbonothioyl)piperidin-4-yl)-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

No.	FORMULA	NMR or mass
1817		
1818	 <p>2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1819	 <p>2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

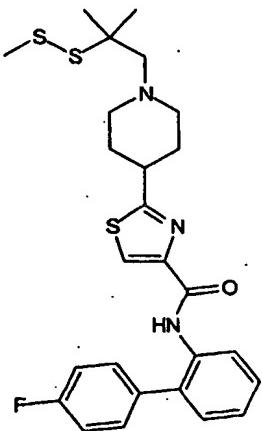
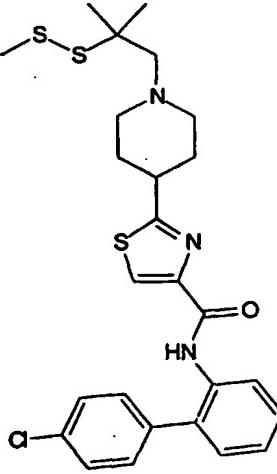
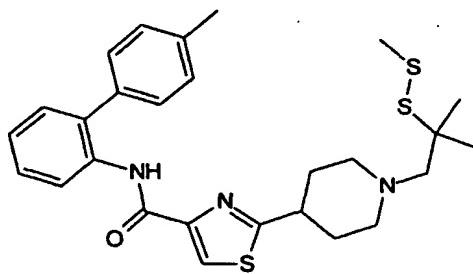
- 645 -

No.	FORMULA	NMR or mass
1820		
1821		
1822	 <p data-bbox="306 1579 1155 1643">2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

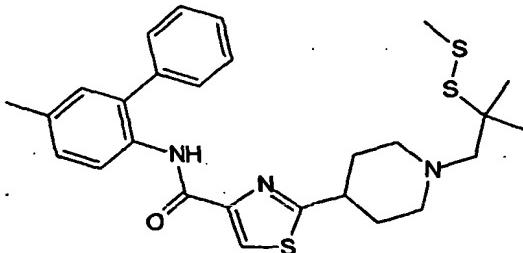
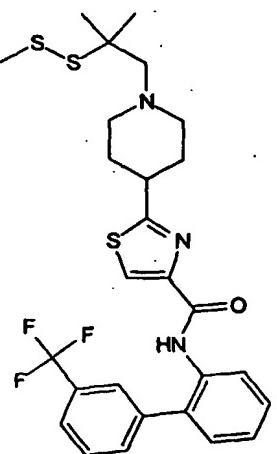
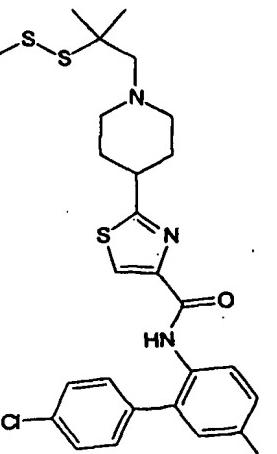
- 646 -

No.	FORMULA	NMR or mass
1823	 <p>2-{1-[(acetylamino)carbonothioyl]piperidin-4-yl}-N-(4'-chloro-5-fluoro-biphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1824		
1825	 <p>2-{1-[2-methyl-2-(methylthio)propyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)-biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	

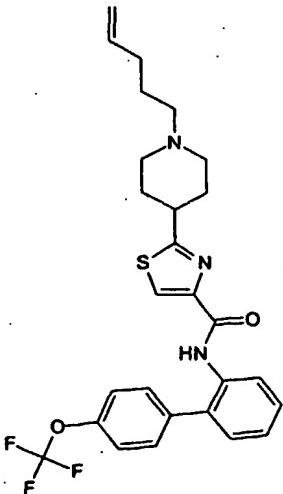
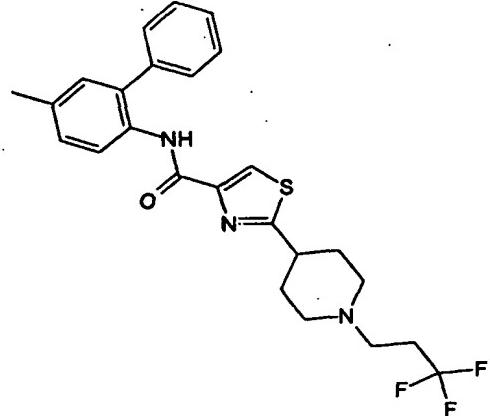
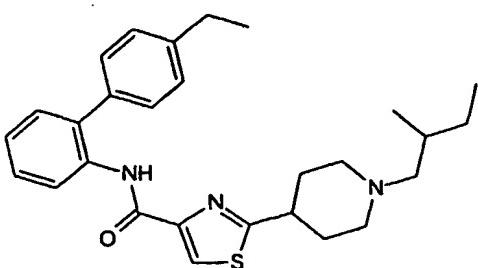
- 647 -

No.	FORMULA	NMR or mass
1826	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[2-methyl-2-(methyldithio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1827	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[2-methyl-2-(methyldithio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1828		

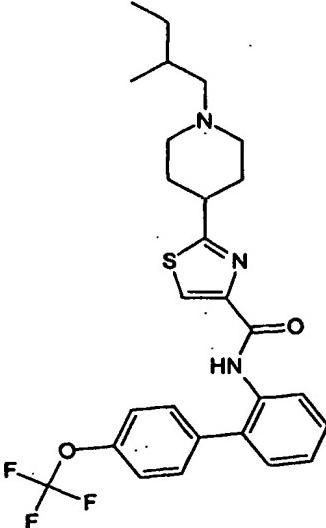
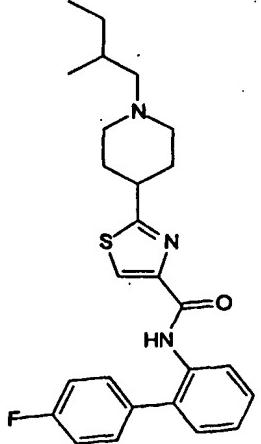
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No.	FORMULA	NMR or mass
1829	 <p>Chemical structure of compound 1829: A piperidin-4-yl group attached to a 1,3-thiazole-4-carboxamide ring. The thiazole ring is substituted at the 2-position with a biphenyl-2-yl group and at the 3-position with a trifluoromethyl group. The piperidin-4-yl group is substituted with a 2-methyl-2-(methyldithio)propyl group.</p>	
1830	 <p>Chemical structure of compound 1830: A piperidin-4-yl group attached to a 1,3-thiazole-4-carboxamide ring. The thiazole ring is substituted at the 2-position with a biphenyl-2-yl group containing a chlorine atom and a fluorine atom. The piperidin-4-yl group is substituted with a 2-methyl-2-(methyldithio)propyl group.</p> <p>2-{1-[2-methyl-2-(methyldithio)propyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1831	 <p>Chemical structure of compound 1831: A piperidin-4-yl group attached to a 1,3-thiazole-4-carboxamide ring. The thiazole ring is substituted at the 2-position with a biphenyl-2-yl group containing a chlorine atom and a fluorine atom. The piperidin-4-yl group is substituted with a 2-methyl-2-(methyldithio)propyl group.</p> <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[2-methyl-2-(methyldithio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

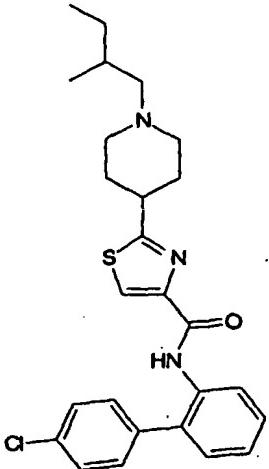
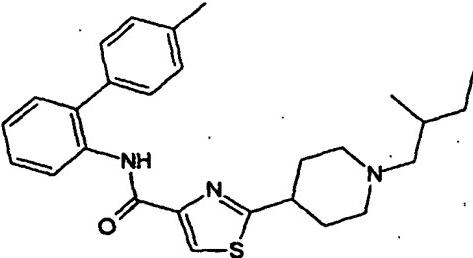
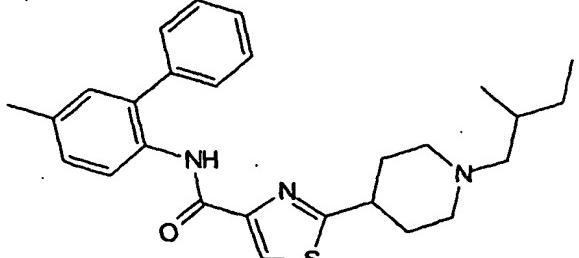
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No.	FORMULA	NMR or mass
1832	 <p>2-(1-pent-4-en-1-ylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1833	 <p>N-(5-methylbiphenyl-2-yl)-2-[1-(3,3,3-trifluoropropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1834		

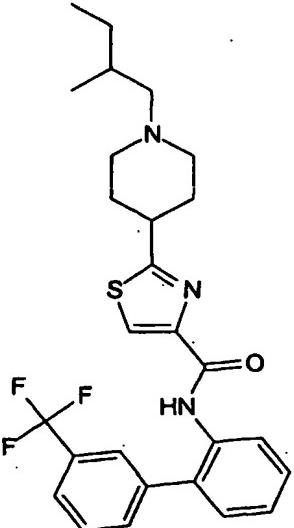
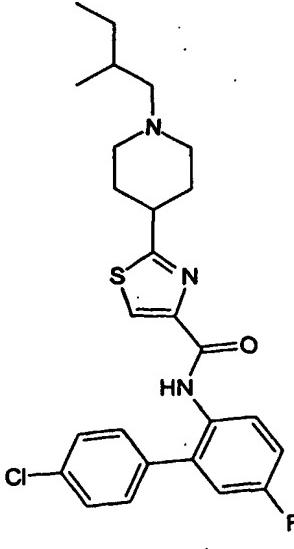
- 650 -

No.	FORMULA	NMR or mass
1835	 <p>2-[1-(2-methylbutyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1836	 <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(2-methylbutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

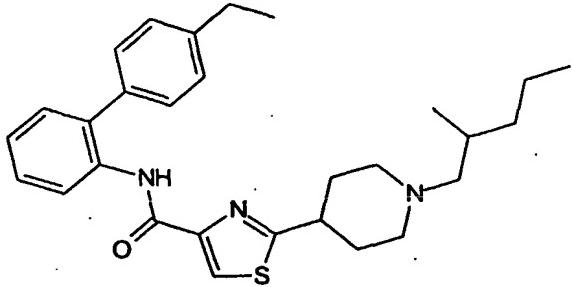
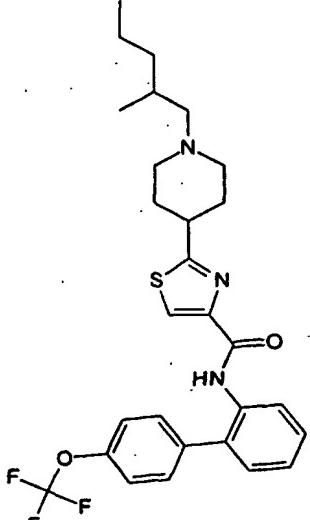
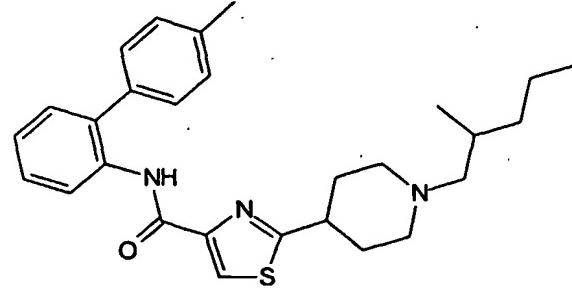
- 651 -

No.	FORMULA	NMR or mass
1837	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(2-methylbutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1838		
1839		

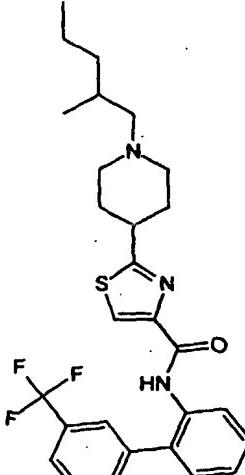
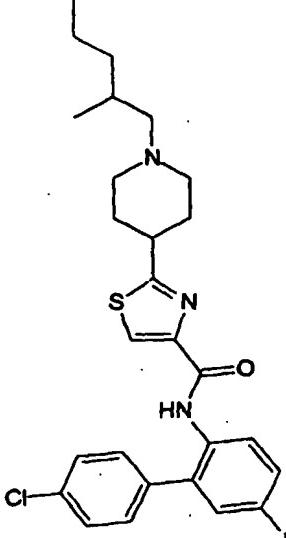
- 652 -

No.	FORMULA	NMR or mass
1840	 <p>2-[1-(2-methylbutyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1841	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-methylbutyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

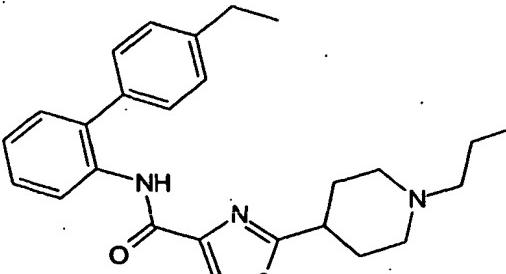
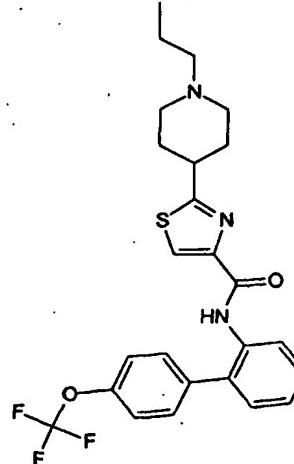
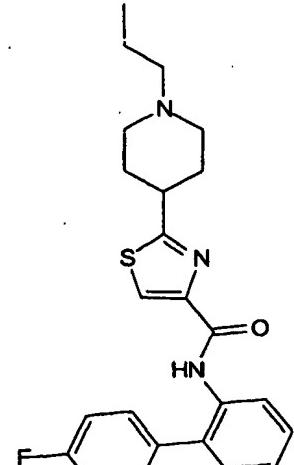
- 653 -

No.	FORMULA	NMR or mass
1842		
1843	 <p>2-[1-(2-methylpentyl)piperidin-4-yl]-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1844		

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No.	FORMULA	NMR or mass
1845	 <p>2-[1-(2-methylpentyl)piperidin-4-yl]-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1846	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-[1-(2-methylpentyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	

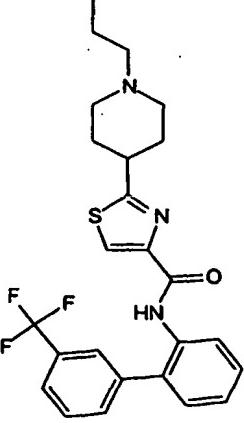
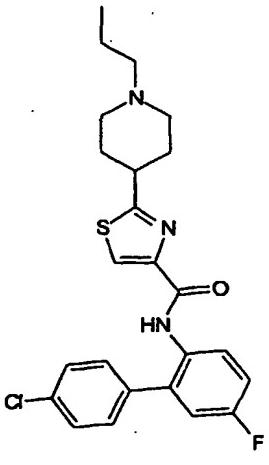
- 655 -

No.	FORMULA	NMR or mass
1847		
1848	 <p>2-(1-propylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1849		

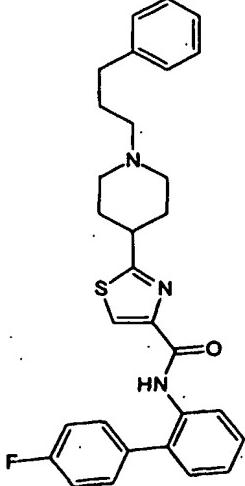
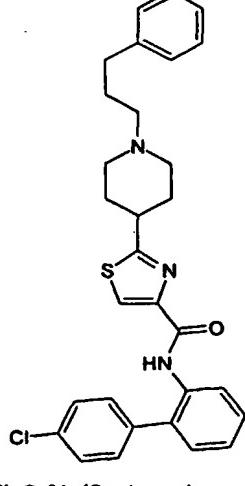
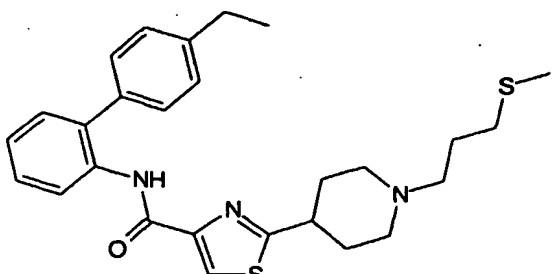
- 656 -

No.	FORMULA	NMR or mass
1850	<p>N-(4'-chlorobiphenyl-2-yl)-2-(1-propylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1851		
1852		

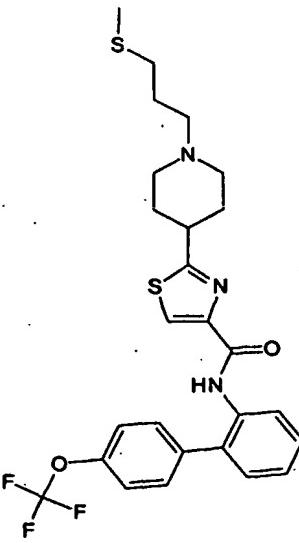
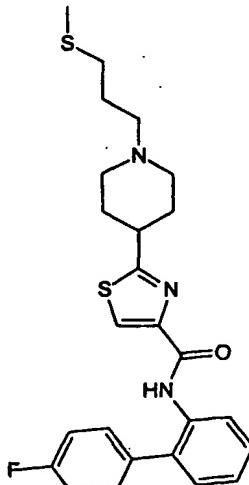
- 657 -

No.	FORMULA	NMR or mass
1853	 <p>2-(1-propylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1854	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-propylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

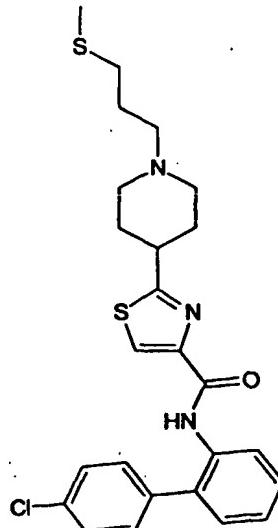
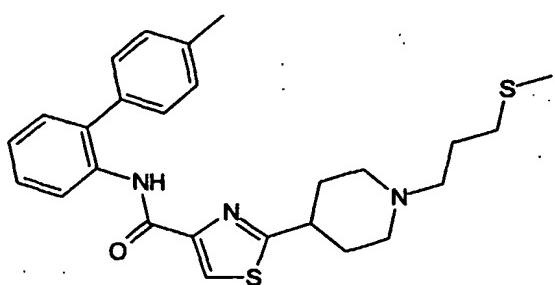
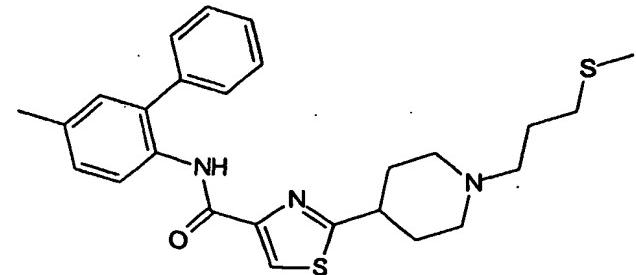
- 658 -

No.	FORMULA	NMR or mass
1855	 <p>N-(4'-fluorobiphenyl-2-yl)-2-[1-(3-phenylpropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1856	 <p>N-(4'-chlorobiphenyl-2-yl)-2-[1-(3-phenylpropyl)piperidin-4-yl]-1,3-thiazole-4-carboxamide</p>	
1857		

- 659 -

No.	FORMULA	NMR or mass
1858	 <p>2-{1-[3-(methylthio)propyl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1859	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[3-(methylthio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

- 660 -

No.	FORMULA	NMR or mass
1860	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[3-(methylthio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1861		
1862		

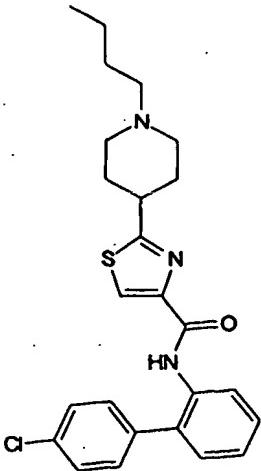
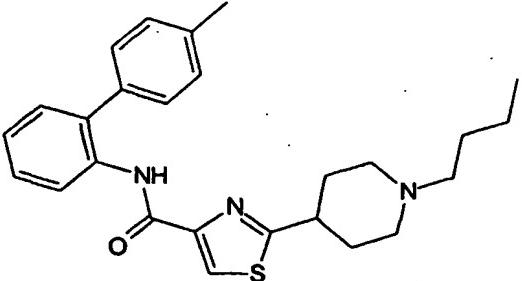
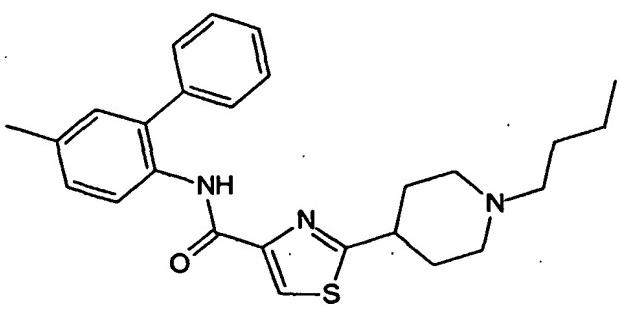
- 661 -

No.	FORMULA	NMR or mass
1863	<p>2-{1-[3-(methylthio)propyl]piperidin-4-yl}-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1864	<p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-{1-[3-(methylthio)propyl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

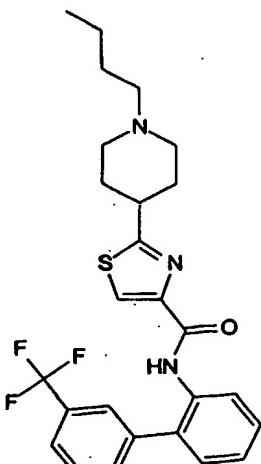
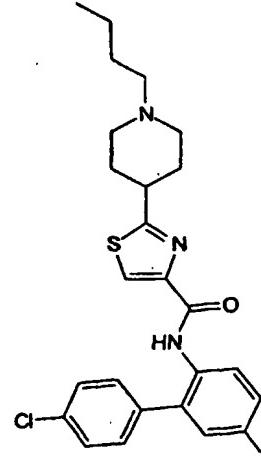
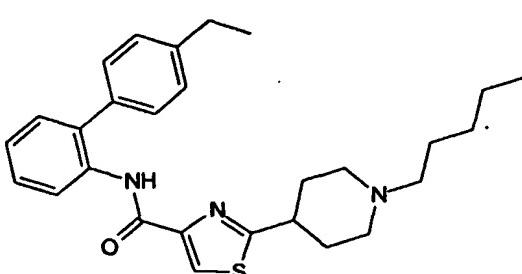
- 662 -

No.	FORMULA	NMR or mass
1865		
1866	<p>2-(1-butylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1867	<p>2-(1-butylpiperidin-4-yl)-N-(4'-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	

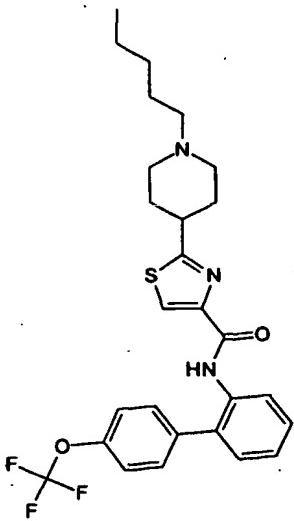
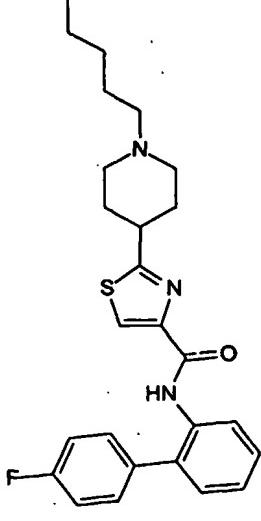
- 663 -

No.	FORMULA	NMR or mass
1868	 <p>2-(1-butylpiperidin-4-yl)-N-(4'-chlorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1869		
1870		

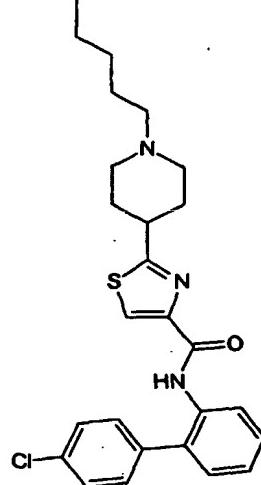
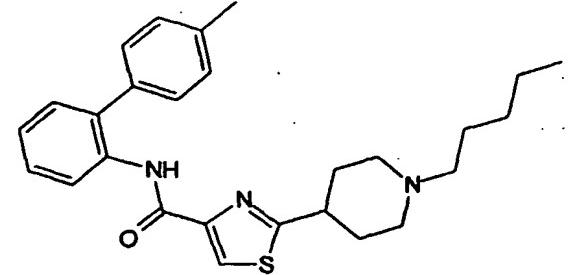
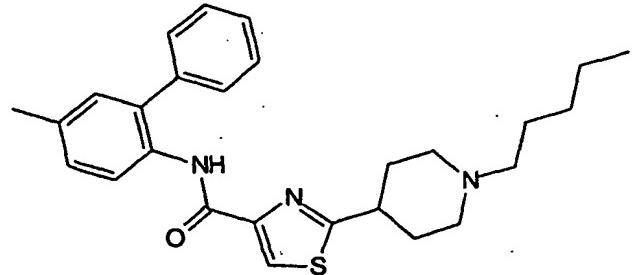
- 664 -

No.	FORMULA	NMR or mass
1871	 <p>2-(1-butylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1872	 <p>2-(1-butylpiperidin-4-yl)-N-(4'-chloro-5-fluorobiphenyl-2-yl)-1,3-thiazole-4-carboxamide</p>	
1873		

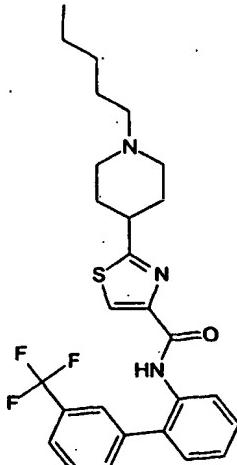
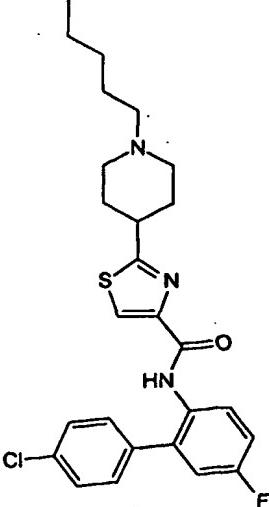
- 665 -

No.	FORMULA	NMR or mass
1874	 2-(1-pentylpiperidin-4-yl)-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide	
1875	 N-(4'-fluorobiphenyl-2-yl)-2-(1-pentylpiperidin-4-yl)-1,3-thiazole-4-carboxamide	

- 666 -

No.	FORMULA	NMR or mass
1876	 <p>N-(4'-chlorobiphenyl-2-yl)-2-(1-pentylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	
1877		
1878		

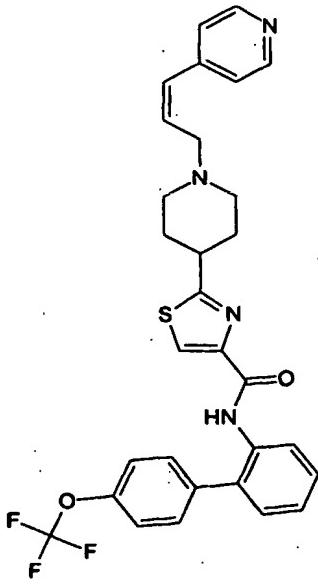
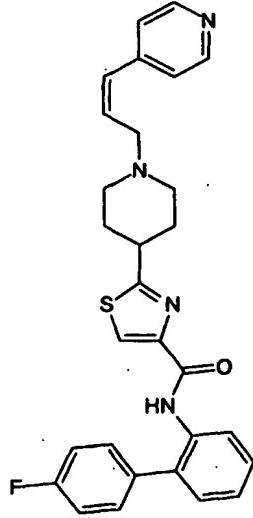
- 667 -

No.	FORMULA	NMR or mass
1879	 <p>2-(1-pentylpiperidin-4-yl)-N-[3'-(trifluoromethyl)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1880	 <p>N-(4'-chloro-5-fluorobiphenyl-2-yl)-2-(1-pentylpiperidin-4-yl)-1,3-thiazole-4-carboxamide</p>	

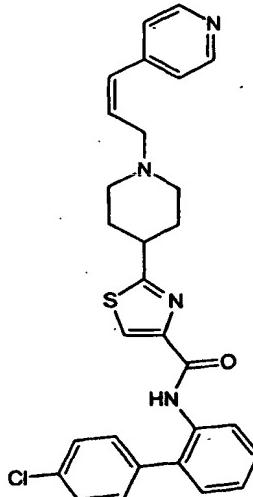
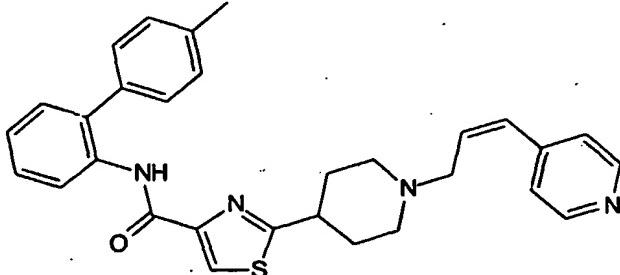
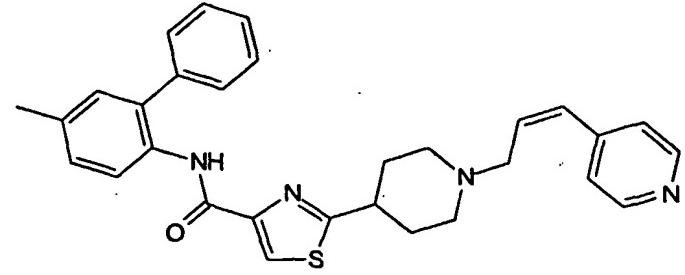
- 668 -

No.	FORMULA	NMR or mass
1881		
1882	<p data-bbox="283 1311 1165 1374">methyl 6-[4-{[(4'-chlorobiphenyl-2-yl)amino]carbonyl}-1,3-thiazol-2-yl]-piperidin-1-yl]hexanoate</p>	
1883		

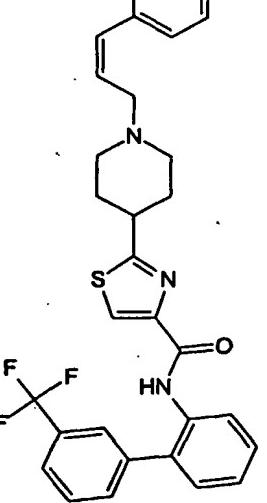
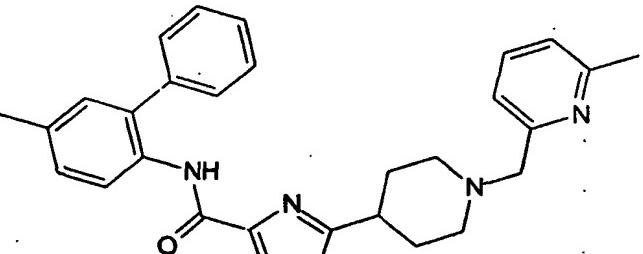
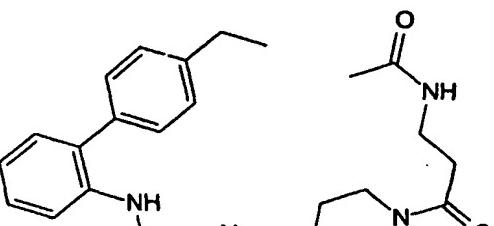
- 669 -

No.	FORMULA	NMR or mass
1884	 <p>2-{1-[(2Z)-3-pyridin-4-ylprop-2-en-1-yl]piperidin-4-yl}-N-[4'-(trifluoromethoxy)biphenyl-2-yl]-1,3-thiazole-4-carboxamide</p>	
1885	 <p>N-(4'-fluorobiphenyl-2-yl)-2-{1-[(2Z)-3-pyridin-4-ylprop-2-en-1-yl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	

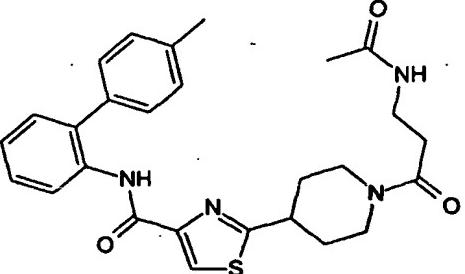
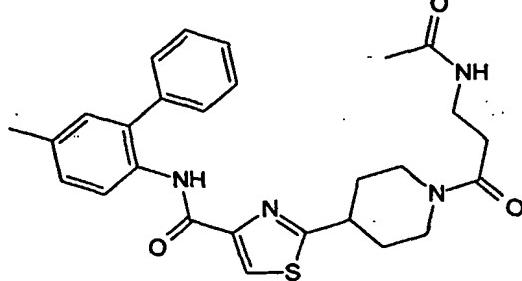
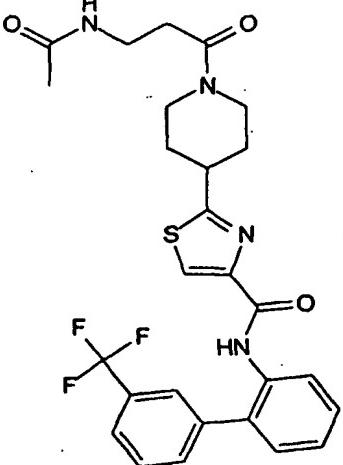
- 670 -

No.	FORMULA	NMR or mass
1886	 <p>N-(4'-chlorobiphenyl-2-yl)-2-{1-[(2Z)-3-pyridin-4-ylprop-2-en-1-yl]piperidin-4-yl}-1,3-thiazole-4-carboxamide</p>	
1887		
1888		

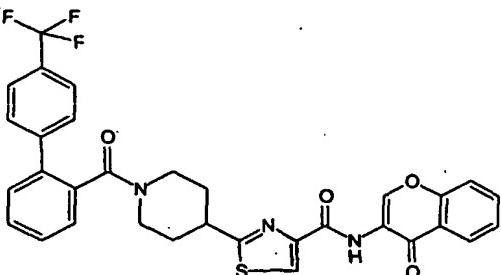
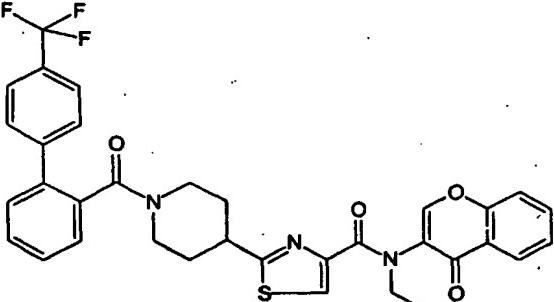
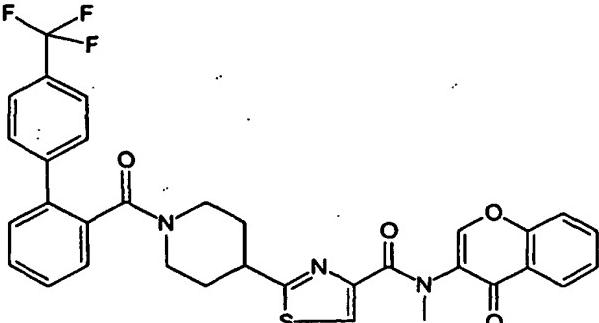
- 671 -

No.	FORMULA	NMR or mass
1889		
1890		
1891		

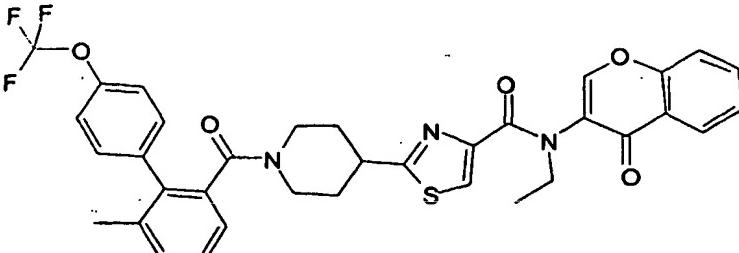
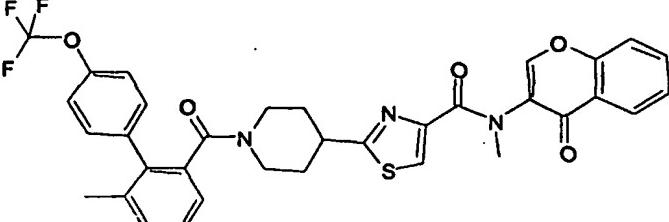
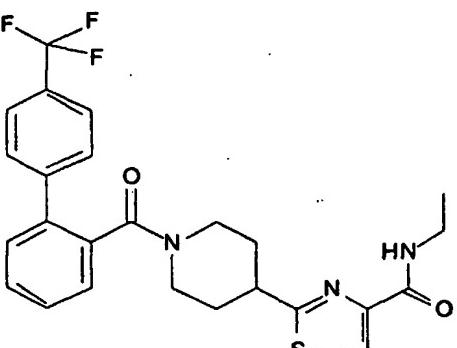
- 672 -

No.	FORMULA	NMR or mass
1892		
1893		
1894		

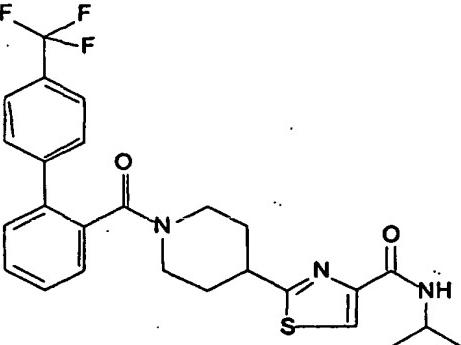
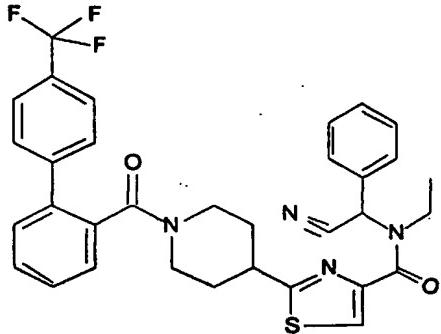
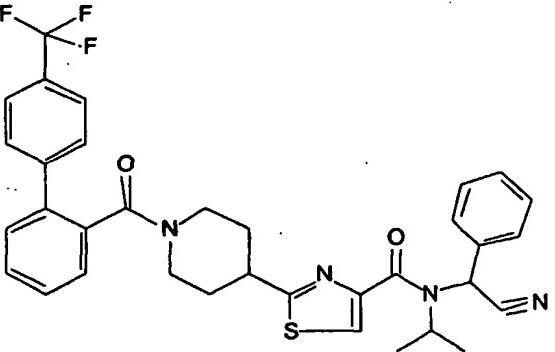
- 673 -

No.	FORMULA	NMR or mass
1895		ES+ 604,4
1896		ES+ 632,4
1897		ES+ 618,4

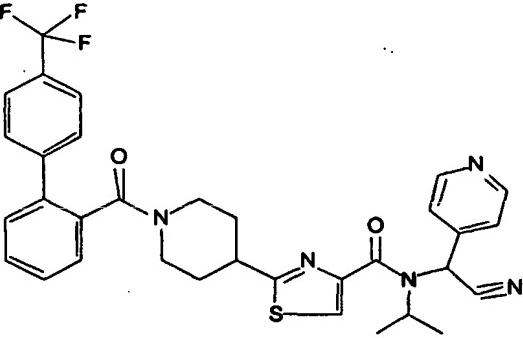
- 674 -

No.	FORMULA	NMR or mass
1898		ES+ 662,4
1899		ES+ 648,4
1900		ES+ 488,3

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No.	FORMULA	NMR or mass
1901		ES+ 502,2
1902		ES+ 603,3
1903		ES+617,4

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No.	FORMULA	NMR or mass
1904		ES- 616,3

## BIOLOGICAL EXPERIMENTAL SECTION

### BIOLOGICAL ACTIVITY TESTS

#### Analysis of the inhibition of MTP activity

5 The inhibition of the activity of microsomal triglyceride transfer protein (MTP) was tested by using the following operating protocol.

The inhibition of MTP activity with a compound can be quantified by observing the inhibition of the transfer of a labelled triglyceride, from a donor particle to an acceptor particle, in the presence of MTP. The procedure for the preparation of MTP is based on the method by Wetterau and Zilversmit (*Biochem. Biophys. Acta* (1986) 875, 610). A few grams of golden hamster liver are taken and then rinsed several times in a 250 mM sucrose solution at 0°C. All the following steps proceed at +4°C. A homogenate at a concentration of 50% in 250 mM sucrose is prepared using a Teflon mill and then centrifuged for 10 minutes at 10 000×g at +4°C. The supernatant is then centrifuged at 105 000×g for 75 minutes at +4°C. The supernatant is discarded and the microsomal pellet is taken up in 3 ml (per g of starting liver) of Tris/HCl 150 mM pH 8.0. 1-ml aliquot fractions are stored at -80°C until the time of use.

After thawing a fraction of microsomes (1 ml), 12 ml of refrigerated Tris/HCl 50 mM, KCl 50 mM, MgCl<sub>2</sub> 5 mM pH 7.4 buffers and 1.2 ml of deoxycholate (0.54% in water) are added. After incubation for 30 minutes at +4°C with gentle agitation, the suspension is centrifuged at 105 000×g for 75 minutes. The supernatant comprising the soluble MTP is dialysed against Tris/HCl 150 mM, NaCl 40 mM, EDTA 1 mM, 0.02% sodium azide pH 7.4 buffer (5 times one litre over 2-3 days). The MTP is stored at +4°C, is stable for at least 30 days and is used in unmodified form in the test.

The donor particles (liposomes) are prepared from 208 µL of L-phosphatidylcholine at a concentration of 10 mg/ml in chloroform, and 480 µL of [<sup>3</sup>H]-triolein at a concentration of 0.5 mCi/ml in toluene. After stirring, the solution is evaporated under nitrogen, taken up in 6 ml of Tris/HCl 50 mM, KCl 50 mM, MgCl<sub>2</sub> 5 mM pH 7.4 buffer and incubated in an ultrasound bath for 30 minutes at

- 678 -

room temperature. The liposomes are stored at +4°C and sonicated again for 10 minutes before each use.

The acceptor particles are biotinylated low density lipoproteins (LDL-biot). These particles are supplied by the company Amersham.

5        The reaction mixture is prepared in untreated ½ well white plates (Coming Costar) by addition, in the following order, of: 5 µL of HEPES 50 mM, NaCl 150 mM, BSA 0.1% (w/v), 0.05% sodium azide (w/v), pH 7.4 buffer; 5 µL of liposomes; 5 µL of LDL-biot; 5 µL of test products in DMSO; 5 µL of MTP. After incubation for 18-24 hours at 37°C, the reaction is stopped by adding 100 µL of Amer-  
 10      sham SPA (Scintillation Proximity Assay) beads coupled to streptavidin, and the radioactivity is counted using a Top Count (Packard) machine at least one hour later. The inhibition of the transfer of the triglycerides with a compound is reflected by a reduction in the transferred radioactivity. The percentage of inhibition for a given compound is determined relative to controls that do not comprise com-  
 15      pounds in the reaction mixture.

The results are expressed in terms of the IC<sub>50</sub>, i.e. the concentration that allows a 50% inhibition of MTP. These results are summarized in Table A below for a number of representative compounds of the invention.

20

TABLE A

<i>Example</i>	<i>IC<sub>50</sub> (nM)</i>
1	51
3	57
4	720
5	660
6	385
7	926
8	892
9	58
10	167

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**Analysis of the secretion of apo B in the HepG2 human cell line:**

The activity of a compound according to the invention can be evaluated by measuring the inhibition of apo B secretion in HepG2 cells.

The HepG2 cells (ECACC – No. 85011430) are used as model in the study  
5 of the in vitro hepatic secretion of lipoproteins (Dixon J. and Ginsberg H., *J. Lipid. Res.*, 1993, 34, 167-179).

The HepG2 cells are cultured in Dulbecco's modified Eagle's medium comprising 10% foetal calf serum (DMEM and FBS - Gibco) in 96-well plates under an atmosphere of 5% carbon dioxide for 24 hours (about 70% confluence).

10 The test compounds are dissolved at a concentration of 2 or 10 mM in dimethyl sulfoxide (DMSO). Serial dilutions (1:3.16) are made in DMSO and are added (1:200 – Robot Multimek Beckman) to the growth medium (200 µL) and then finally incubated for 24 hours in the various wells containing the HepG2 cells.

15 The 24-hour culture supernatant diluted to 1:5 (phosphate-buffered saline: PBS comprising 1% bovine serum albumin) is tested according to a sandwich-ELISA method specific for human apo B.

The results are expressed in terms of IC<sub>50</sub>, i.e. the concentration that produces a 50% inhibition of apo B secretion in the HepG2 cells.

20 These results are collated in Table B below for a number of representative compounds of the invention.

**TABLE B**

<i>Example</i>	<i>IC<sub>50</sub> (nM)</i>
1	20
3	12
4	307
5	286
6	288
9	7